



Koch California Ltd.

662 Eucalyptus Road, P.O. Box 1127
Nipomo, CA 93444

Phone: (805) 929-4153
Fax: (805) 929-5598
Email: kochcal@earthlink.net

September 16, 1999

CITY OF PISMO BEACH

Michael Fuson, City Manager
The City of Pismo Beach
760 Mattie Road
Pismo Beach, CA 93449

SEP 17 1999

RECEIVED
CITY CLERK

(805) 773-4657 Phone
(805) 773-7006 Phone

Re: **Request to Inspect and Copy Public Records**

Dear Michael Fuson:

This letter is a request to inspect public records which are in the possession of the **CITY OF PISMO BEACH** pursuant to the California Public Records Act (Govt. Code §6250, et seq.). **Following the inspection, we may request copies** of some or all of the records. In the event we request copying by the **CITY OF PISMO BEACH** we will, at that time, tender any required copying charges. However, we reserve the right to have copies of the records made at your location by an independent copying service of our choosing.

Please make the records available for inspection beginning on **October 8th, 1999 at 10:00 a.m.** Unless we are notified otherwise, we shall expect that the records will be available for inspection in the **CITY OF PISMO BEACH** office. The following is a list of the reasonably identifiable public records which we desire to inspect on or after **October 8th, 1999 at 10:00 a.m.**

1. **All "Well Completion Reports" for each water well owned and/or operated by CITY OF PISMO BEACH.**
2. **For any water well for which a Well Completion Report is not in the possession of CITY OF PISMO BEACH, such other documents as are in the possession of CITY OF PISMO BEACH which show any of the following information: a) the well location, b) the name and address of the well driller, c) the date the well was completed, d) depth to first water below surface e) total depth of completed well.**
3. **Documents which show the amount of water produced from each water well owned and/or operated by CITY OF PISMO BEACH for each month from the completion of the well through to July 31st 1999.**
4. **All reports of hydraulic test results for each water well owned and/or operated by CITY OF PISMO BEACH, for the period beginning with the construction of the each well and ending July 31, 1999, which show any of the following information: a) standing water level, b)**

pumping water level, c) pumping amount, capacity or GPM.

- 5. All reports created during repair or maintenance of CITY OF PISMO BEACH wells with a measure of: a) standing water level, b) pumping water level, c) pumping capacity or GPM during pumping water levels (such as those commonly found on Floyd wells or other contractor's Invoice, Repair order Invoice, or Well Drilling logs etc.) for the period beginning with the construction of the each well and ending July 31, 1999.**

If a portion of the information contained in the records we have requested is exempt from disclosure by express provisions of law, Govt. Code §6254 requires segregation and deletion of that material in order that the remainder of the information may be released.

Please take note that Govt. Code §6256 requires the **CITY OF PISMO BEACH** to determine, within ten (10) days after receipt of this request, whether the **CITY OF PISMO BEACH** will comply with this request. If the **CITY OF PISMO BEACH** decides not to comply with all or any portion of this request, Govt. Code §6256 requires notification to us of the reasons for the determination not later than ten (10) days from your receipt of this request. Further, Govt. Code §6256.2 prohibits the use of any provision of the Public Records Act to delay access for the purposes of inspecting public records. Govt. Code §6256.2 also requires that any notification of denial of this request for records must set forth the names and titles or positions of each person responsible for the denial.

Thank you for your timely attention to our request.



John Snyder
Vice President



City of Pismo Beach
760 Mattie Road
Pismo Beach, CA 93449
(805)773-4657 Fax: (805) 773-7006

September 29, 1999

Mr. John Snyder, Vice President
Koch California Ltd.
662 Eucalyptus Road
P.O. Box 1127
Nipomo, CA 93444

Re: Request to Inspect and Copy Public Records

Dear Mr. Snyder:

My office received your request to inspect and copy records on September 17, 1999. I apologize for the delay in getting back to you. Your request has been forwarded to the pertinent staff.

Pursuant to the Public Records Act, we are requesting a 10-day extension on complying with the request. I will call you as soon as the records are available for inspection at City Hall.

There will be a charge for copies but no charge for viewing the documents. The charge is 75 cents for the first page and 20 cents for each page after that, plus clerical staff time to copy at an hourly rate of approx. \$10.00.

If you have any questions, please let me know.

Sincerely,

A handwritten signature in cursive script that reads "Sharon Jones".

Sharon Jones
City Clerk

cc: File



Koch California Ltd.

662 Eucalyptus Road, P.O. Box 1127
Nipomo, CA 93444

*cc: City Clerk
D. Belzeit
R. Rogers*

Phone: (805) 929-4153
Fax: (805) 929-5598
Email: kochcal@earthlink.net

September 16, 1999

Michael Fuson, City Manager
The City of Pismo Beach
760 Mattie Road
Pismo Beach, CA 93449

CITY OF PISMO BEACH

SEP 17 1999

RECEIVED
CITY CLERK

*Hand
delivered*

(805) 773-4657 Phone
(805) 773-7006 Phone

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Please make the records available for inspection beginning on **October 8th, 1999 at 10:00 a.m.** Unless we are notified otherwise, we shall expect that the records will be available for inspection in the **CITY OF PISMO BEACH** office. The following is a list of the reasonably identifiable public records which we desire to inspect on or after **October 8th, 1999 at 10:00 a.m.**

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Please take note that Govt. Code §6256 requires the **CITY OF PISMO BEACH** to determine, within ten (10) days after receipt of this request, whether the **CITY OF PISMO BEACH** will comply with this request. If the **CITY OF PISMO BEACH** decides not to comply with all or any portion of this request, Govt. Code §6256 requires notification to us of the reasons for the determination not later than ten (10) days from your receipt of this request. Further, Govt. Code §6256.2 prohibits the use of any provision of the Public Records Act to delay access for the purposes of inspecting public records. Govt. Code §6256.2 also requires that any notification of denial of this request for records must set forth the names and titles or positions of each person responsible for the denial.

Thank you for your timely attention to our request.



John Snyder
Vice President

CLINICAL LABORATORY OF SAN BERNARDINO, INC.
 1595 NORTH " D " STREET/P.O. BOX 329
 SAN BERNARDINO, CA. 92402

EDT

ORGANIC CHEMICAL ANALYSIS

Date of Report: 11/10/92 Sample ID No. 92-11202
 Laboratory Signature Lab
 Name: CLINICAL LABORATORIES OF SAN BERNARDINO Director: *Carol J. [Signature]*
 Name of Sampler: TINA P. GRIETENS Employed By: CITY OF PISMO BEACH
 Date/Time Sample Date/Time Sample Date Analyses
 Collected: 92/10/29/0730 Received @ Lab: 92/10/30/1700 Completed: 92/11/09

=====
 System System
 Name: CITY OF PISMO BEACH Number: 4010008
 Name or Number of Sample Source: WELL 09

 * User ID: TAP Station Number: 32S/13E-19B01 M *
 * Date/Time of Sample: |92|10|29|0730| Laboratory Code: 3761 *
 * YY MM DD TTTT *
 * Date Analysis Completed: |92|11|09| *
 * YY MM DD *
 * Submitted by: _____ Phone #: _____ *

All neg method: T REGULATED ORGANIC CHEMICALS

TEST METHOD	CONSTITUENT ALL CONSTITUENTS REPORTED ug/L	ENTRY #	ANALYSES RESULTS	MCL ug/L	DLR ug/L
502.2	Bromodichloromethane	32101	ND	100	0.5
	Bromoform	32104			0.5
	Chloroform (Trichloromethane)	32106			0.5
	Dibromochloromethane	32105			0.5
	Total Trihalomethanes (THM'S/ TTHM)	82080			0.5
502.2	Benzene	34030	ND	1	0.5
	Carbon Tetrachloride	32102		.5	0.5
	Ethyl Benzene	34371		680	5.0
	1,4-Dichlorobenzene (p-DCB)	34571		5	0.5
	1,1-Dichloroethane (1,1-DCA)	34496		5	0.5
	1,2-Dichloroethane (1,2-DCA)	34531		.5	0.5
	1,1-Dichloroethylene (1,1-DCE)	34501		6	0.5
	cis-1,2-Dichloroethylene (c-1,2-DCE)	77093		6	0.5
	trans-1,2-Dichloroethylene (t-1,2-DCE)	34546		10	0.5
	1,2-Dichloropropane	34541		5	0.5
	Total 1,3-Dichloropropene	34561		.5	0.5
	Monochlorobenzene (Chlorobenzene)	34301		30	1.0
	1,1,2,2-Tetrachloroethane	34516		1	0.5
	Tetrachloroethylene (PCE)	34475		5	0.5
	1,1,1-Trichloroethane (1,1,1-TCA)	34506		200	1.0
1,1,2-Trichloroethane (1,1,2-TCA)	34511	32	1.0		
Trichloroethylene (TCE)	39180	5	0.5		

TEST METHOD	CONSTITUENT ALL CONSTITUENTS REPORTED ug/L	ENTRY #	ANALYSES RESULTS	MCL ug/L	DLR ug/L
	Isopropylbenzene (Cumene)	77223			0.5
	p-Isopropyltoluene	A-011			0.5
	Methylene chloride	34423*			1.0
	Naphthalene	34696			0.5
	n-Propylbenzene	77224			0.5
	Styrene	77128*			0.5
	1,1,1,2-Tetrachloroethane	77562*			0.5
	Toluene	34010*			10.0
	1,2,3-Trichlorobenzene	77613			0.5
	1,2,4-Trichlorobenzene	34551			0.5
	1,2,3-Trichloropropane	77443*			0.5
	1,2,4-Trimethylbenzene	77222			0.5
	1,3,5-Trimethylbenzene	77226			0.5
	Methyl ethyl ketone (MEK, Butanone)	81595			5.0
	Methyl isobutyl ketone (MIBK)	81596			5.0
	bis (2-Chloroethyl) ether	34273			0.5
	Alachlor (ALANEX)	77825			1.0
	Bromacil (HYVAR)	82198			10.0
	Diazinon	39570			0.02
	Prometryn (CAPAROL)	39057			2.0
	Chlorothalonil (DACONIL, BRAVO)	70314			5.0
	Dimethoate (CYGON)	38458			10.0
	Aldicarb (TEMIK)	39053			3.0
	Diuron	39650			1.0
	Dicamba (BANVEL)	82052			
	Butachlor	77860			
	Metalochlor	39356			

Laboratory comments and description of any additional compounds found:

REPORT DATE : October 5, 1992
EXAMINATION NO.: 692-5412.1

INVOICE #63676
PAGE 1 of 1

CLIENT : City of Pismo Beach

PROJECT : Well #9 Retest

DATE SAMPLED : 09-22-92 at 1012 by T. Grietens
DATE RECEIVED : 09-23-92 at 1230 via Federal Express
DATE PREPARED : 10-03-92
DATE ANALYZED : 10-03-92

ANALYZED BY : S. Singh
REVIEWED BY : B. Stafford

SAMPLE TYPE : Ground Water
CLIENT SAMPLE ID: Well #9

METHOD : 502.2

LAB ID#	CONSTITUENT	RESULT (ug/L)	MDL (ug/L)
.1	Carbon Tetrachloride	ND	0.5
.1	Chloroform	ND	0.5

NOTES:

ug/L: micrograms per Liter (parts per billion)
MDL : Method Detection Limit
ND : None Detected

The Twining Laboratories, Inc.

Fresno Modesto Visalia Bakersfield

ORGANIC CHEMICAL ANALYSES

Date of Report: October 5, 1992 Sample ID No. 692-5412.1
 Laboratory Signature Lab
 Name: The Twining Laboratories, Inc. Director: Robert B. Flay
 Name of Sampler: Tina Grietens Employed By: City of Pismo Beach
 Date/Time Sample 09-22-92/1012 Date/Time Sample 09-23-92/1230 Date Analyses 10-03-92
 Collected: 09-22-92/1012 Received @ Lab 09-23-92/1230 Completed: 10-03-92

System Name: _____ System Number: _____

Name or Number of Sample Source: Well #9

User ID: <input type="text"/>	Source Number: <input type="text"/>
Date/Time of Sample: <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	Laboratory Code: <input type="text"/>
Y Y M M D D T T T T	
Date Analyses Completed: <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	
Y Y M M D D	
Submitted by: <u>City of Pismo Beach</u>	Phone # <u>(805) 773-7067</u>

REGULATED ORGANIC CHEMICALS

TEST METHOD	CONSTITUENT ALL CONSTITUENTS REPORTED	ug/L	ENTRY #	ANALYSES RESULTS	MCL ug/L	* DLR ug/L
	Bromodichloromethane		32101	N / A		0.50
	Bromoform		32104	N / A		0.50
	Chloroform (Trichloromethane)		32106	< 0 . 5		0.50
	Dibromochloromethane		32105	N / A		0.50
	Total Trihalomethanes (THM'S/TTHM)		82080	N / A	100	0.50
	Benzene		34030	N / A	1	0.50
	Carbon tetrachloride		32102	< 0 . 5	.5	0.50
	Ethyl benzene		34371	N / A	680	5.0
	1,4-Dichlorobenzene (p-DCB)		34571	N / A	5	0.50
	1,1-Dichloroethane (1,1-DCA)		34496	N / A	5	0.50
	1,2-Dichloroethane (1,2-DCA)		34531	N / A	.5	0.50
	1,1-Dichloroethylene (1,1-DCE)		34501	N / A	6	0.50
	cis-1,2-Dichloroethylene		77093	N / A	6	0.50
	trans-1,2-Dichloroethylene		34546	N / A	10	0.50
	1,2-Dichloropropane		34541	N / A	5	0.50
	Total 1,3-Dichloropropene		34561	N / A	.5	0.50
	Monochlorobenzene (Chlorobenzene)		34301	N / A	30	1.0
	1,1,2,2-Tetrachloroethane		34516	N / A	1	0.50
	Tetrachloroethylene (PCE)		34475	N / A	5	0.50
	1,1,1-Trichloroethane (1,1,1-TCA)		34506	N / A	200	1.0
	1,1,2-Trichloroethane (1,1,2-TCA)		34511	N / A	32	1.0
	Trichloroethylene (TCE)		39180	N / A	5	0.50

* Detection Limit for Reporting Purposes

CLINICAL LABORATORY OF SAN BERNARDINO, INC.
 1595 NORTH " D " STREET/P.O. BOX 329
 SAN BERNARDINO, CA. 92402

EDT

GENERAL MINERAL & PHYSICAL, INORGANIC, & RADIOLOGICAL CHEMICAL ANALYSIS
 Date of Report: 12/23/92 Sample ID No. 92-12644
 Laboratory Signature Lab
 Name: CLINICAL LABORATORIES OF SAN BERNARDINO Director: *[Signature]*
 Name of Sampler: TINA GRIETENS Employed By: CITY OF PISMO BEACH
 Date/Time Sample Date/Time Sample Date Analyses
 Collected: 92/12/08/0900 Received @ Lab: 92/12/10/1700 Completed: 92/12/16

=====
 System Name: CITY OF PISMO BEACH System Number: 4010008
 Name or Number of Sample Source: WELL 09

 * User ID: TAP Station Number: 32S/13E-19B01 M *
 * Date/Time of Sample: |92|12|08|0900| Laboratory Code: 3761 *
 * YY MM DD TTTT *
 * Date Analysis Completed: |92|12|16| *
 * YY MM DD *
 * Submitted by: _____ Phone #: _____ *

MCL	REPORTING UNITS	CONSTITUENT	ENTRY #	ANALYSES RESULTS	DLR
	mg/L	Total Hardness (as CaCO3)	00900	440.0	
	mg/L	Calcium (Ca)	00916	104.1	
	mg/L	Magnesium (Mg)	00927	43.7	
	mg/L	Sodium (NA)	00929	260.0	
	mg/L	Potassium (K)	00937	6.4	

Total Cations Meq/L Value: 20.3

	mg/L	Total Alkalinity (AS CaCO3)	00410	252.0	
	mg/L	Hydroxide (OH)	71830	< 1.0	
	mg/L	Carbonate (CO3)	00445	< 1.0	
	mg/L	Bicarbonate (HCO3)	00440	307.4	
*	mg/L*	Sulfate (SO4)	00945	106.0	
*	mg/L*	Chloride (Cl)	00940	460.5	
45	mg/L	Nitrate (as NO3)	71850	< 1.0	
****	mg/L	Fluoride (F) Temp. Depend.	00951	1.5	0.1

Total Anions Meq/L Value: 20.3

	Std. Units	PH (Laboratory)	00403	7.0	
**	umho/cm**	Specific Conductance (E.C.)	00095	2200.0	
***	mg/L***	Total Filterable Residue at 180C (TDS)	70300	1108.3	
	Units	Apparent Color (Unfiltered)	00081	< 50.0	
	TON	Odor Threshold at 60 C	00086	1.0	
	NTU	Lab Turbidity	82079	86.0	
0.5	mg/L	MBAS	38260	< 0.02	

* 250-500-600 ** 900-1600-2200 *** 500-1000-1500 **** 1.4-2.4

CLINICAL LABORATORY OF SAN BERNARDINO, INC.
 1595 NORTH " D " STREET/P.O. BOX 329
 SAN BERNARDINO, CA. 92402

EDT

ORGANIC CHEMICAL ANALYSIS

Date of Report: 11/10/92 Sample ID No. 92-11202
 Laboratory Signature Lab
 Name: CLINICAL LABORATORIES OF SAN BERNARDINO Director: *Carol Sperry*
 Name of Sampler: TINA P. GRIETENS Employed By: CITY OF PISMO BEACH
 Date/Time Sample Date/Time Sample Date Analyses
 Collected: 92/10/29/0730 Received @ Lab: 92/10/30/1700 Completed: 92/11/09

=====
 System Name: CITY OF PISMO BEACH System Number: 4010008
 Name or Number of Sample Source: WELL 09

 * User ID: TAP Station Number: 32S/13E-19B01 M *
 * Date/Time of Sample: |92|10|29|0730| Laboratory Code: 3761 *
 * YY MM DD TTTT *
 * Date Analysis Completed: |92|11|09| *
 * YY MM DD *
 * Submitted by: Phone #: *

All neg method: T REGULATED ORGANIC CHEMICALS

TEST METHOD	CONSTITUENT ALL CONSTITUENTS REPORTED ug/L	ENTRY #	ANALYSES RESULTS	MCL ug/L	DLR ug/L
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	Bromoform	32104			0.5
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	Ethyl Benzene	34371		680	5.0
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	1,2-Dichloropropane	34541		5	0.5
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Trichloroethylene (TCE)	39180	5	0.5		

TEST METHOD	CONSTITUENT ALL CONSTITUENTS REPORTED ug/L	ENTRY #	ANALYSES RESULTS	MCL ug/L	DLR ug/L
	Trichlorofluoromethane (FREON 11)	34488		150	1.0
	Trichlorotrifluoroethane (FREON 113)	81611		1200	1.0
	Vinyl Chloride (VC)	39175		.5	0.5
	m,p-Xylene	A-014			10.0
	o-Xylene	77135			10.0
	Total Xylenes (m,p, & o)	81551		1750	10.0
	Dibromochloropropane (DBCP)	38761		.2	0.01
	Ethylene Dibromide (EDB)	77651		.02	0.02
	Endrin	39390		.2	0.1
	Lindane (gamma-BHC)	39340		4	0.2
	Methoxychlor	39480		100	10.0
	Toxaphene	39400		5	1.0
	Chlordane	39350		.1	0.1
	Diethylhexylphthalate (DEHP)	39110		4	3.0
	Heptachlor	39410		.01	0.01
	Heptachlor epoxide	39420		.01	0.01
	Atrazine (AATREX)	39033		3	1.0
	Molinate (ORDRAM)	82199		20	2.0
	Simazine (PRINCEP)	39055		10	1.0
	Thiobencarb (BOLERO)	A-001		70	1.0
	Bentazon (BASAGRAN)	38710		18	2.0
	2,4-D	39730		100	10.0
	2,4,5-TP (SILVEX)	39045		10	1.0
	Carbofuran (FURADAN)	81405		18	5.0
	Glyphosate	79743		700	25.0

UNREGULATED ORGANIC CHEMICALS

TEST METHOD	CONSTITUENT ALL CONSTITUENTS REPORTED ug/L	ENTRY #	ANALYSES RESULTS	MCL ug/L	DLR ug/L
	Bromobenzene	81555*			0.5
	Bromochloromethane	A-012			0.5
	Bromomethane (Methyl Bromide)	34413*			0.5
	n-Butylbenzene	A-010			0.5
	sec-Butylbenzene	77350			0.5
	tert-Butylbenzene	77353			0.5
	Chloroethane	34311*			0.5
	2-Chloroethylvinyl Ether	34576			1.0
	Chloromethane (Methyl Chloride)	34418*			0.5
	2-Chlorotoluene	A-008*			0.5
	4-Chlorotoluene	A-009*			0.5
	Dibromomethane	77596*			0.5
	1,2-Dichlorobenzene (o-DCB)	34536*			0.5
	1,3-Dichlorobenzene (m-DCB)	34566*			0.5
	Dichlorodifluoromethane	34668*			1.0
	1,3-Dichloropropane	77173*			0.5
	2,2-Dichloropropane	77170*			0.5
	1,1-Dichloropropene	77168*			0.5
	Hexachlorobutadiene	34391			0.5

TEST METHOD	CONSTITUENT ALL CONSTITUENTS REPORTED ug/L	ENTRY #	ANALYSES RESULTS	MCL ug/L	L ug
	Isopropylbenzene (Cumene)	77223			
	p-Isopropyltoluene	A-011			
	Methylene chloride	34423*			
	Naphthalene	34696			
	n-Propylbenzene	77224			
	Styrene	77128*			
	1,1,1,2-Tetrachloroethane	77562*			
	Toluene	34010*			1
	1,2,3-Trichlorobenzene	77613			
	1,2,4-Trichlorobenzene	34551			
	1,2,3-Trichloropropane	77443*			
	1,2,4-Trimethylbenzene	77222			
	1,3,5-Trimethylbenzene	77226			
	Methyl ethyl ketone (MEK, Butanone)	81595			
	Methyl isobutyl ketone (MIBK)	81596			
	bis (2-Chloroethyl) ether	34273			
	Alachlor (ALANEX)	77825			
	Bromacil (HYVAR)	82198			1
	Diazinon	39570			C
	Prometryn (CAPAROL)	39057			
	Chlorothalonil (DACONIL, BRAVO)	70314			
	Dimethoate (CYGON)	38458			1
	Aldicarb (TEMIK)	39053			
	Diuron	39650			
	Dicamba (BANVEL)	82052			
	Butachlor	77860			
	Metalochlor	39356			

Laboratory comments and description of any additional compounds found:

ORGANIC CHEMICAL ANALYSES

Date of Report: October 5, 1992 Sample ID No. 692-5412.1
 Laboratory Name: The Twining Laboratories, Inc. Signature Lab Director: Robert B. Flay
 Name of Sampler: Tina Grietens Employed By: City of Pismo Beach
 Date/Time Sample Collected: 09-22-92/1012 Date/Time Sample Received @ Lab: 09-23-92/1230 Date Analyses Completed: 10-03-92

System Name: _____ System Number: _____

Name or Number of Sample Source: Well #9

User ID: Source Number:

Date/Time of Sample: Laboratory Code:

Y Y M M D D T T T T
 Date Analyses Completed:
 Y Y M M D D

Submitted by: City of Pismo Beach Phone # (805) 773-7067

REGULATED ORGANIC CHEMICALS

TEST METHOD	CONSTITUENT ALL CONSTITUENTS REPORTED	ug/L	ENTRY #	ANALYSES RESULTS	MCL ug/L	* DLR ug/L
	Bromodichloromethane		32101	N / A		0.50
	Bormoform		32104	N / A		0.50
	Chloroform (Trichloromethane)		32106	< 0.5		0.50
	Dibromochloromethane		32105	N / A		0.50
	Total Trihalomethanes (THM'S/TTHM)		82080	N / A	100	0.50
	Benzene		34030	N / A	1	0.50
	Carbon tetrachloride		32102	< 0.5	.5	0.50
	Ethyl benzene		34371	N / A	680	5.0
	1,4-Dichlorobenzene (p-DCB)		34571	N / A	5	0.50
	1,1-Dichloroethane (1,1-DCA)		34496	N / A	5	0.50
	1,2-Dichloroethane (1,2-DCA)		34531	N / A	.5	0.50
	1,1-Dichloroethylene (1,1-DCE)		34501	N / A	6	0.50
	cis-1,2-Dichloroethylene		77093	N / A	6	0.50
	trans-1,2-Dichloroethylene		34546	N / A	10	0.50
	1,2-Dichloropropane		34541	N / A	5	0.50
	Total 1,3-Dichloropropene		34561	N / A	.5	0.50
	Monochlorobenzene (Chlorobenzene)		34301	N / A	30	1.0
	1,1,2,2-Tetrachloroethane		34516	N / A	1	0.50
	Tetrachloroethylene (PCE)		34475	N / A	5	0.50
	1,1,1-Trichloroethane (1,1,1-TCA)		34506	N / A	200	1.0
	1,1,2-Trichloroethane (1,1,2-TCA)		34511	N / A	32	1.0
	Trichloroethylene (TCE)		39180	N / A	5	0.50

* Detection Limit for Reporting Purposes

REPORT DATE : October 5, 1992
EXAMINATION NO.: 692-5412.1

INVOICE #63676
PAGE 1 of 1

CLIENT : City of Pismo Beach

PROJECT : Well #9 Retest

DATE SAMPLED : 09-22-92 at 1012 by T. Grietens
DATE RECEIVED : 09-23-92 at 1230 via Federal Express
DATE PREPARED : 10-03-92
DATE ANALYZED : 10-03-92

ANALYZED BY : S. Singh
REVIEWED BY : B. Stafford

SAMPLE TYPE : Ground Water
CLIENT SAMPLE ID: Well #9

METHOD : 502.2

LAB ID#	CONSTITUENT	RESULT (ug/L)	MDL (ug/L)
.1	Carbon Tetrachloride	ND	0.5
.1	Chloroform	ND	0.5

NOTES:

ug/L: micrograms per Liter (parts per billion)
MDL : Method Detection Limit
ND : None Detected

The Twining Laboratories, Inc.

Fresno Modesto Visalia Bakersfield

PROOF OF PUBLICATION
(2015.5 C.C.P.)

STATE OF CALIFORNIA
COUNTY OF SAN LUIS OBISPO

I am a citizen of the United States and a resident of the County aforesaid; I am over the age of eighteen years, and not a party to or interested in the above-entitled matter. I am the principal clerk of the printer of the Five Cities TIMES-PRESS-RECORDER, a combination of Pismo Times, Grover City Press and Arroyo Grande Herald-Recorder, a newspaper of general circulation, printed and published in the City of Arroyo Grande, County of San Luis Obispo, California, and which newspaper has been adjudged a newspaper of general circulation by the Superior Court of San Luis Obispo, State of California, under the date of December 17, 1951, Case Number 18811; that the notice of which the annexed is a printed copy (set in type not smaller than nonpareil), has been published in each regular and entire issue of said newspaper and not in any supplement thereof on the following dates, to-wit:

March 20, 27,

all in the year 19 85

I certify (or declare) under penalty of perjury that the foregoing is true and correct.

Dated at Arroyo Grande

California, this 27th day of March

19 85

Naomi Coffey
Naomi Coffey Signature

This space for the County Clerk's Filing Stamp

PROOF OF PUBLICATION OF
NOTICE TO BIDDERS

City of Pismo Beach

Paste Clip **PUBLIC NOTICE** Y In This Space

NOTICE TO BIDDERS
NOTICE IS HEREBY GIVEN that the City Clerk of the City of Pismo Beach, State of California, will receive sealed bids at her office in City Hall on April 2, 1985, at 2:00 p.m. at which time they will be publicly opened and read aloud for performing work in said City as follows:
DRILLING AND CONSTRUCTION OF TWO WATER WELLS IN PISMO BEACH
BIDS RECEIVED AFTER SAID TIME WILL NOT BE CONSIDERED

All of said work to be done at the places and in the particular locations of the form, sizes and dimensions, and of the materials, and to the lines and grades and at the elevations as shown and delineated upon the plans, profiles and specifications made therefore and approved by the City Engineer and on file in the office of said City Clerk and to which reference is hereby expressly made for more particular description of the work to be done and for further particulars.

EACH BID SHALL BE SUBMITTED IN A SEALED ENVELOPE

PROOF OF PUBLICATION

**PLAINLY MARKED
DRAWINGS AND
CONSTRUCTION OF
TWO WATER
WELLS IN PISMO
BEACH**

Copies of the documents may be obtained from the Public Services Department.

Bidders are hereby notified that pursuant to Section 1770 of the Labor Code of the State of California, the City Council of the City of Pismo Beach, California, has ascertained the general prevailing wage for each craft and type of workman or mechanic needed to execute the Contract which will be awarded the successful prevailing rate of wages. Copies of these rates as determined are on file in the office of the City Clerk, City of Pismo Beach, California.

Additional classification and wage rates which may be included in this notice were not included in the annual publication and are known to be required on this project.

Each bid shall be made out on a bid form included herewith.

Each bid shall be accompanied by a certified check, cashier's check or a bidder's bond made payable to the City of Pismo Beach for an amount equal to ten percent (10%) of the amount of the bid, such guaranty to be forfeited should the bidder to whom the contract is awarded fail to enter into the contract.

The City Council of the City of Pismo Beach reserves the right to reject any or all bids and waive any informality in a bid.

All bids are to be compared on the basis of the Engineer's estimate of the quantities of work to be done.

No bid will be accepted from a contractor who is not licensed in accordance with the provisions of Chapter 9, Division III of Business and Professions Code.

Plans may be seen, and forms of proposal, bonds, contract and specifications may be obtained at the office of the Public Services Department, City of Pismo Beach, California.

The special attention of prospective bidders is called to the Special Provisions.

City of Pismo Beach
Terry A. Briscoe
City Clerk
P. O. Box 226, Pismo Beach, California
March 20, 27, 1985.

GARING, TAYLOR & ASSOCIATES, INC.
CIVIL ENGINEERS SURVEYORS PLANNERS

June 9, 1992

City of Pismo Beach
P.O. Box 3
Pismo Beach, CA 93448

*Pls. file
Well No. 9*

ATTN: Jim Ashcraft

Dear Jim,

The following are the thoughts and the conclusions of me as an Engineer and surveyor on the ROAD ABANDONMENT and Well No. 9. Well 9 lies on old County Road property lying within the City of Pismo Beach between portions of Lots 11 and 14 of Rchos El P. and San Mig.

The road is shown on a map entitled Map of the County Road beginning at the crossing of the Stage Road with Arroyo Grande ??? (that part of my copy of the map is missing) ending at the mouth of San Luis Obispo Creek. Survey Commenced Nov. 21, 1870. George W Lakin, Surveyor. The Property on which the road lies at the subject location is on the Pismo Rancho. Rancho Pismo was "granted November 18, 1840 by Governor Pro Tem Manuel Jimeno (Casarin) to Jose Ortega - Patented November 16, 1866 to Isaac J. Sparks - Area 8,838,89 acres" (Note: the forgoing from The Story of the San Luis Obispo County by Title Insurance Co.)

The Adjoining Parcel to the road on which Well No 9 lies, was created when the Division of Highways showed this parcel as parcel 167 with Leo Brisco, et. ux. as Grantor and State of California as Grantee by Grant Deed dated 6-4-54 and recorded 7-14-54 in 764 OR 211 and is shown on page 4 of 32 of Right of Way Maps for 05 SLO 101. The parcel definitely excluded the subject road where well No. 9 lies.

Lowell Kraatz, RCE, surveyed this parcel for Leo Brisco. The record of survey is filed in 21 RS 57 dated January 6, 1975. The road was definitely excluded from the parcel. The deed reference on the map is 1065 OR 346. This deed reference, 1065 OR 346, is also shown on page 4 of 32 of the State R/W Maps for 05 - SLO - 101. This deed reference created this parcel which is the remainder of that property the State bought from Brisco.

Lowell Kraatz was a State Highway Engineer at the time and surveyed as a private practitioner at the time. He was also a good friend of Leo Brisco. Leo Brisco was very much aware of

Jim Ashcraft

Page 2

June 9, 1992

what he owned from my personal experience and would not have tolerated a misrepresentation on the Kraatz map. Further, we have found Kraatz to be very thorough and accurate in all of his surveys that we have retraced.

Preliminary Title Report by TICOR, Al Monge, dated May 28, 1988 prepared for Construction Concepts Inc. Attn. Robert P. Diani with reference to Strebe and their file number is 162833, included an assessors map showing that the parcel EXCLUDED the road. The description reads: That part of Lot 11 of the subdivisions of a part of the Ranchos El Pismo and San Miguelito, in the City of Grover City, County of San Luis Obispo, State of California, as said lot is delineated on the map recorded April 30, 1886, in the office of the County Recorder of Said County, lying Southerly of the Southerly Line of that Certain Right of Way for Highway purposes conveyed to the State of California, by deed Recorded September 21, 1928 in Volume 55 of Official Records, at page 84, Records of said County, and that portion of Arroyo Grande Road, Vacated, which would pass by a conveyance under Section 1112 of the Civil Code of the State of California.

(the underline is mine)

The Title report gives no reference of a conveyance of the Arroyo Grande Road and additionally the description refers to land lying within the City of Grover City. The property on which Well 9 lies on the Arroyo Grande Road wholly lies within the City of Pismo Beach.

Map Book A - 157 is the map that created Lot 11 by R. R. Harris in February 1886 and is shown on the Map of the Subdivisions of a part of the Ranchos El Pismo and San Miguelito. The above Strebe property is only a very small part of lot 11 and it was a severed parcel created by the Division of Highways when the highway department acquired R/W for Highway 101. Kraatz's survey refers to measurements shown on A M 157 for the boundary of the property which definitely excludes the Arroyo Grande Road. Lot 11 doesn't go to the center of the road.

Town of Grover Map filed in A M 6 in 1887 also shows that lot lines do not go to the center of the road but follow the road's boundary.

Jim Ashcraft

Page 3

June 9, 1992

ADVERSE POSSESSION discussion

Actual possession - (PBch now possesses it)

Open and Notorious possession - well 9 was const. in 1985 on the road R/W

Continuous possession - No deeds have transferred the road right of way. Records of survey 21 RS 57 (1974) shows the road to be separate, 29 PM 77 shows parcels border on to the road. 29 PM 1 shows parcels border on to the road. 37 PM 52 shows parcels border on to the road. 12 M 86 shows the parcel to border on to the subject road.

Hostile Possession - PBch has always claimed this portion of the road because it annexed it.

Exclusive possession - No one else has occupied it

Taxes - No one else is paying taxes on the property - the assessors map shows that the road is not attached to adjoining property for tax purposes

Color of Title - There is no color of title because the road is definite and certain and previous surveyors and owners were not confused as to the location of the road boundary or who owned it.

There has been a layout prepared for Strebe giving dimensions to the center of the road but no public agency (City of Pismo Beach or the County) has recorded any document, to my knowledge, that has transferred ownership.

Public Rights - adverse rights against the public cannot ripen.

OWNERSHIP TO THE CENTERLINE OF THE ROAD - REVERSION RIGHTS

REQUIRES

A Map showing the creation of the property which shows that ownership is to the center of the road. In this case the road came before the subdivision so this situation doesn't apply.

A deed that says that ownership is to the center of the road. I know of no deed that passed ownership of the road.

When a subdivider dedicates the streets and alleys to the public agency, he grants an easement to the public. The right of this easement may be extinguished if the public agency vacates. In this case the road existed before the land was subdivided and the subdivider used the road boundaries as boundaries to the lots (see A M 6 and A M 157).

Jim Ashcraft

Page 4

June 9, 1992

LOTS ADJOINING A SUBDIVISION BOUNDARY DO NOT HAVE REVERSION RIGHTS.
In this case the road lies within the City limits of Pismo Beach (a subdivision Boundary) so therefor the adjoining lot in Grover City doesn't have reversion rights.

Very truly yours,

GARING, TAYLOR & ASSOCIATES, INC.



Robert S. Garing, Jr.
Project Engineer

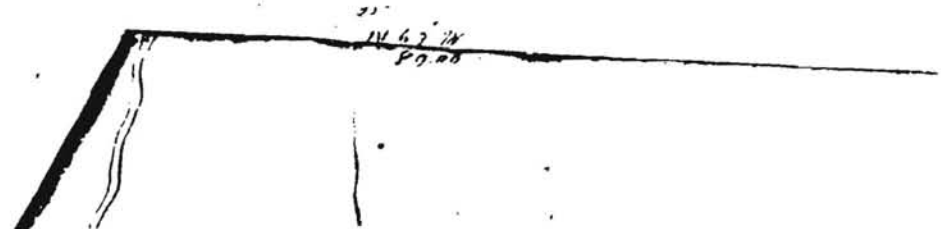
Enclosures: Portions of County Road Map 1870
Right of Way Map
21 LS 57 Kraatz for Brisco
1065 OR 346 Directors Deed State to Brisco
764 OR 211 Grant Deed Brisco to State
A Map 6 Town of Grover Lots not to Center line of road
A Map 157 Creating Lot 11 Lot not to Center Line of road
4 LS 117 of Lot 14 not to center Line of Road
5 - 28 Assessors Map attached to TICOR 162833
Annexation Map Document 1424
29 PM 1 Parcels 2 and B not to Center Line of road
29 PM 77 not to Centerline of Road plus a 15' easement

MAP
OF THE
COUNTY ROAD

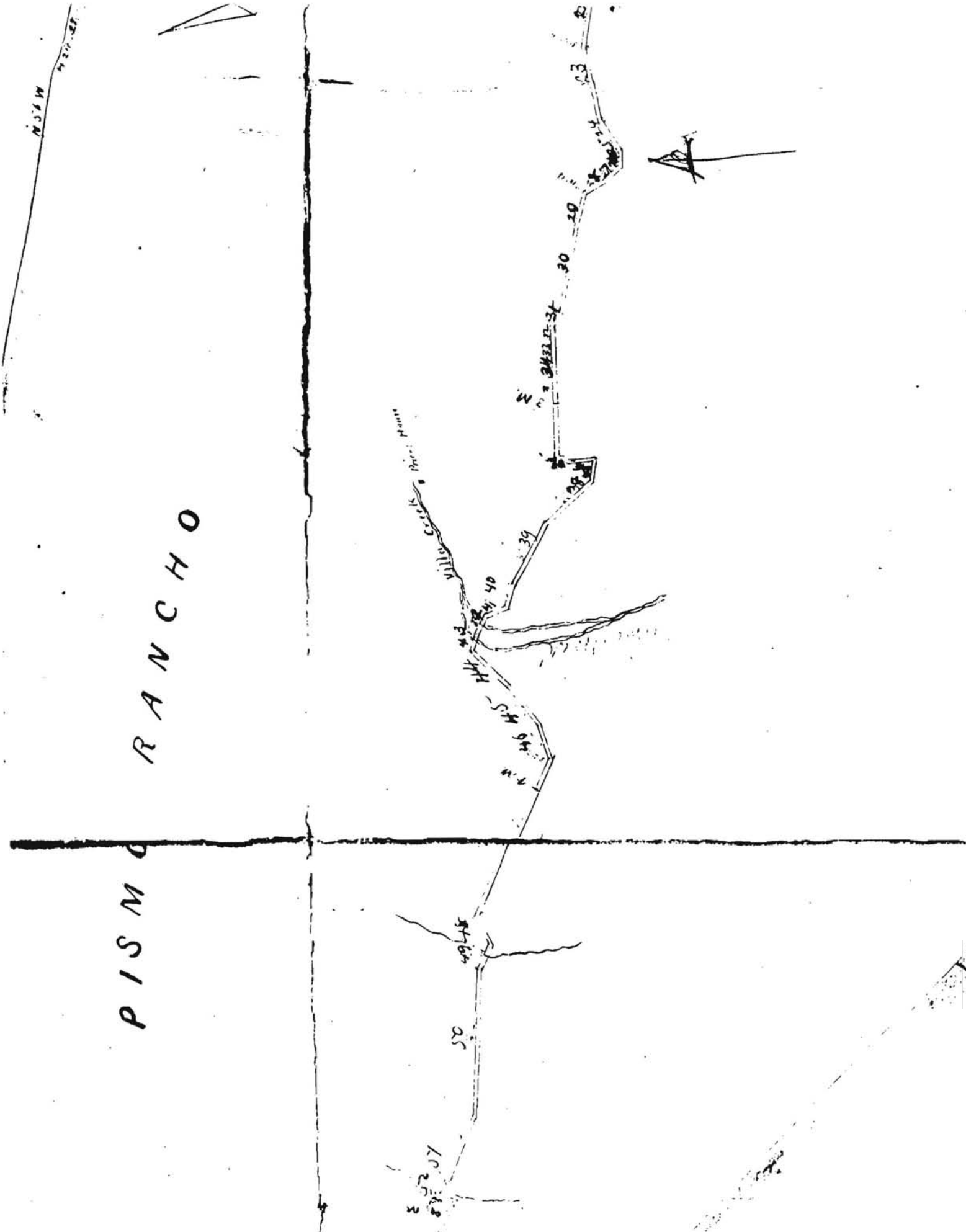
Beginning at the crossing of the Stage Road with the Arroyo Grande,
ending at the mouth of the San Luis Obispo creek.

SURVEY COMMENCED NOVEMBER 21st, 1870.

GEORGE W. LAKIN, Surveyor.

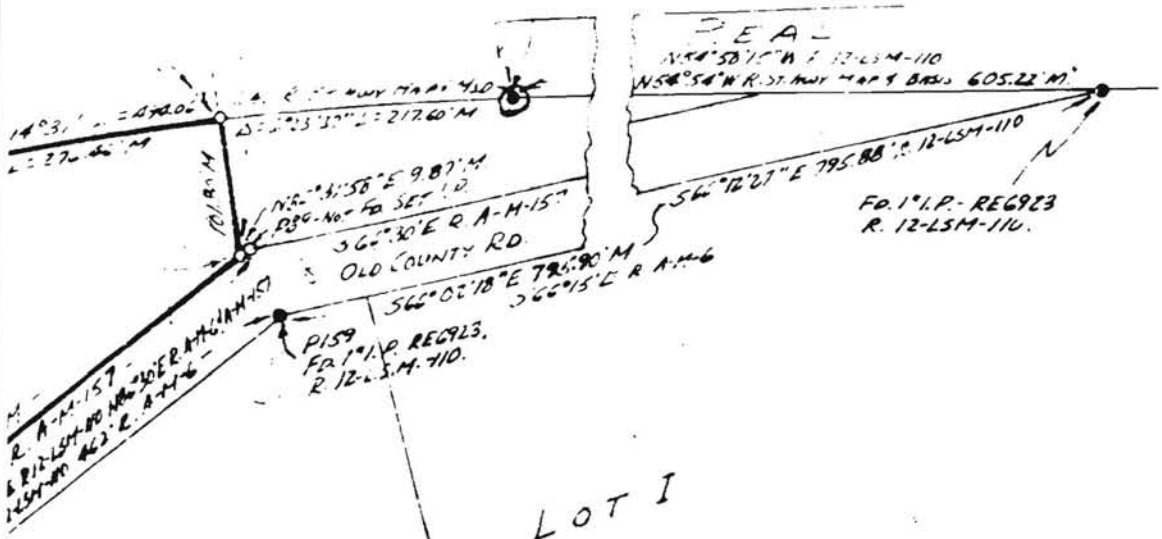


P I S M O R A N C H O





PB 90-086



LOT I

LOT J
TOWN OF GROVER
A-M-6 #12-L.S.M.-110

NOTES

1. Pts. P88 & P89 SET BY ANGLE SPLIT FROM PTS. FD. ON SOUTHERLY LINE OF OLD COUNTY RD PER 12-LSM-110.
2. Pt. P87 SET AT REC DISTANCE FROM P88 PER A-M-157.
3. A-M-157 INDICATES THAT P89 IS THE SOUTHERLY TERMINUS OF THE LINE BETWEEN LOTS 11 & 12. RETRACEMENT OF LOT LINES SHOWN ON 9-L.S.M.-26 AND 12-L.S.M.-110 ESTABLISHES THE SOUTHERLY TERMINUS OF THIS LINE BY INTERSECTION AS SHOWN, 9.87' NORTHERLY OF P89.
4. Pt. P156 SET BY ANGLE SPLIT FROM ROAD LINES ESTABLISHED BY P87 AND P.O.C. RESET ON SOUTHERLY LINE OF EL CAMINO REAL, 295.36' SOUTHERLY OF P.O.C. MARK PER 8-LSM-112.
5. ST. MAP REFERENCE INDICATES AS BOUND PLAN, NAMED V-SLO 2-E STREET 5 OF 9, DATED SEPT. 27, 1928, ON FILE IN STATE DEPT. OF TRANSP. RECORDS, SAN LUIS OBISPO.

N 602, E 12.06

CO. SURVEYOR'S CERTIFICATE:

This map has been examined for conformance with the requirements of the LAND SURVEYOR'S ACT this 10th day of Jan, 1975.

J. C. Peltz
COUNTY SURVEYOR

CO. RECORDER'S CERTIFICATE:

Filed this 6th day of January, 1975, at 4:30 P.M. in Book 21 of Landed Survey Maps at Page 57, at the request of L. B. KRATZ

R.C.E. No. 9806
Fee Paid 5.00
File No. 460

RECORD OF SURVEY

PART OF LOT 11 OF THE
RANCHOS EL PISMO AND
SAN MIGUELITO
CITY OF GROVER CITY

COUNTY OF SAN LUIS OBISPO, CALIFORNIA
Scale 1"=100' DEC 1974

LOWELL B. KRATZ
Civil Engineer
Survey License 11262

F.B. 8-74

STATE

CANINO

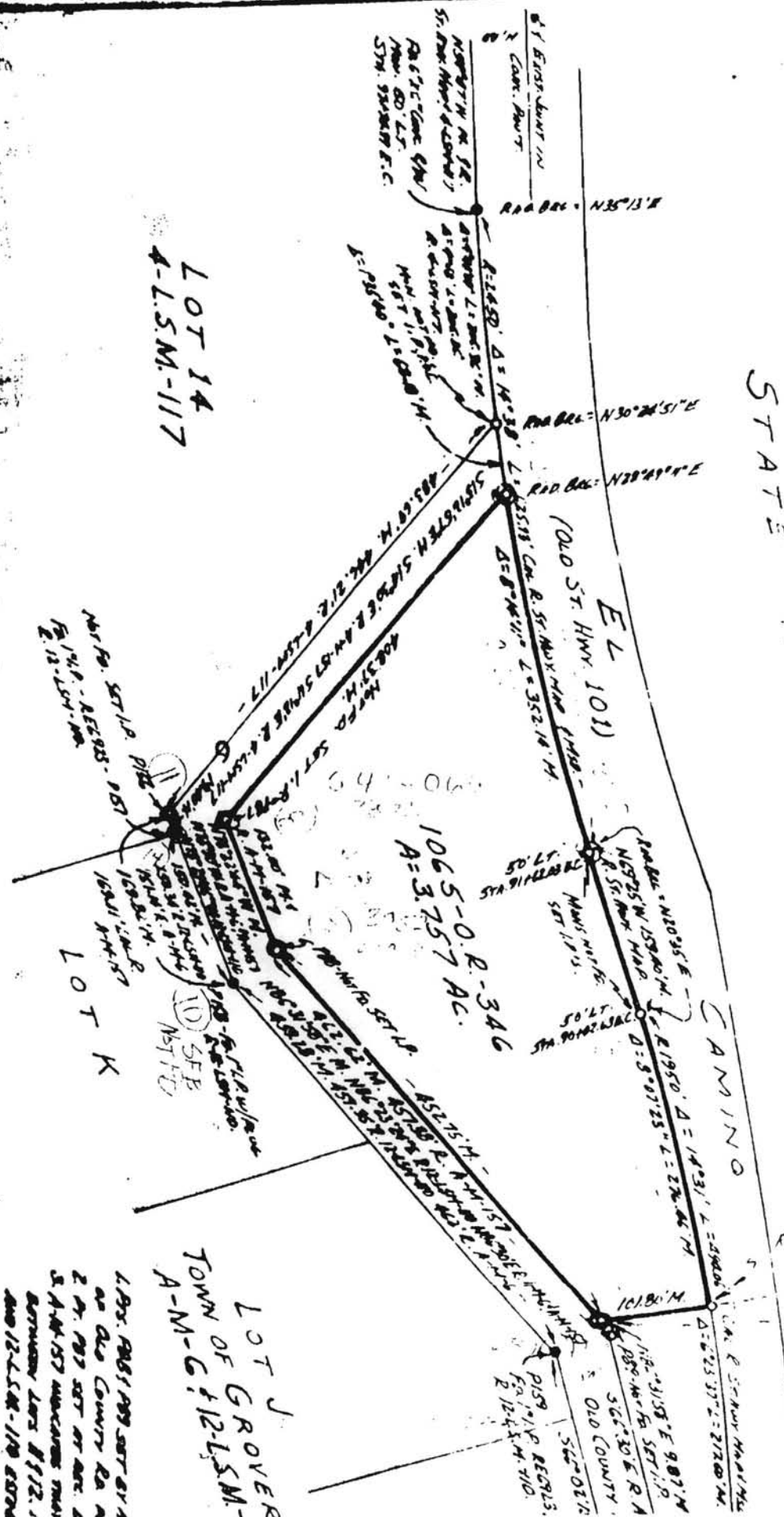
1065-0 R-346
A=3.757 AC.

1065-0 R-346
A=3.757 AC.

LOT 14
A-L.S.M.-117

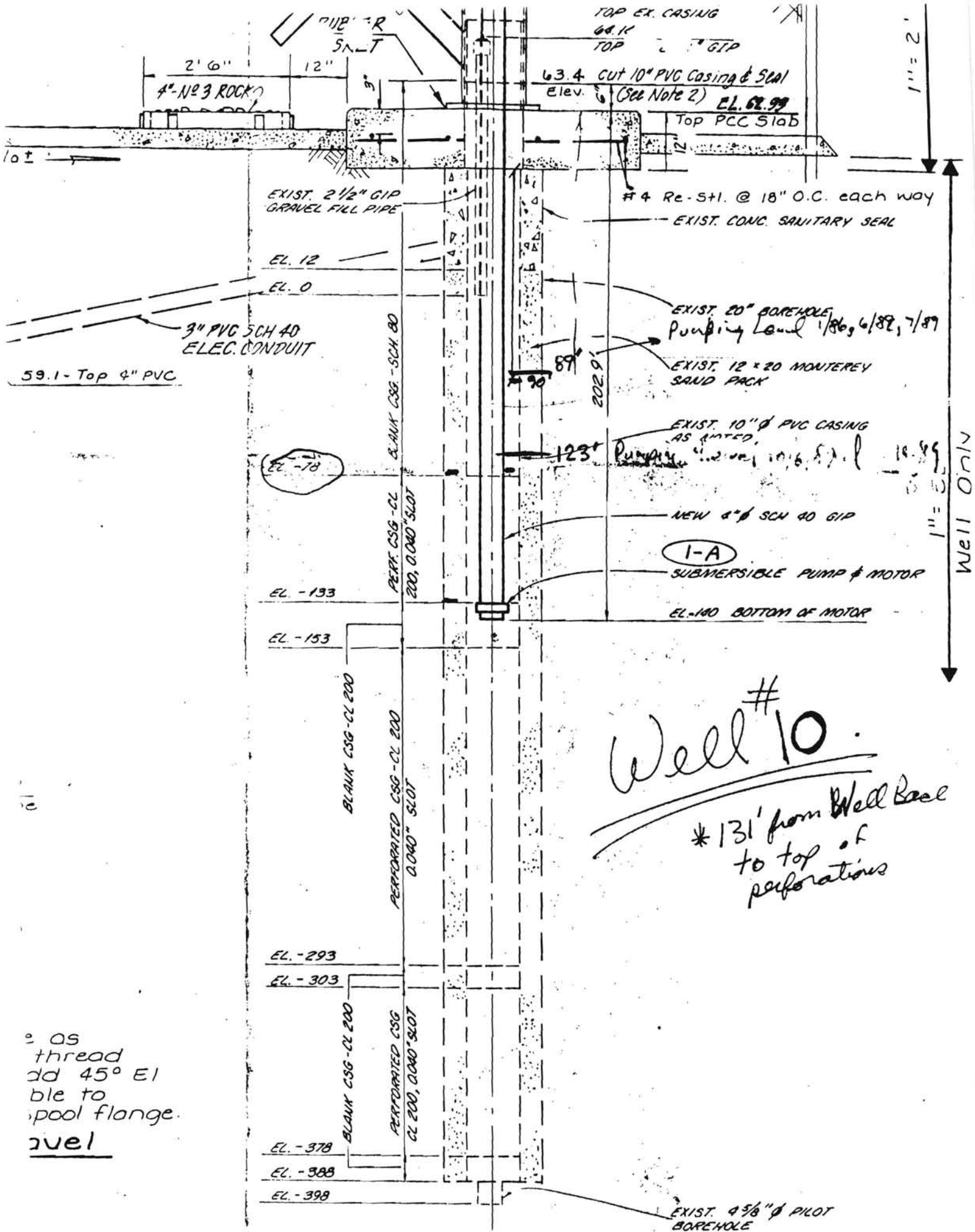
LOT K

LOT J
TOWN OF GROVER
A-M-G-12 L.S.M.-



N 100

1. PLS. PLS. SET AT 4
 IN OLD COUNTY RA IN
 2. P. 703 SET AT ARE. A
 3. A-M-157 W/CAUSE THAT
 BETWEEN LOTS B-12,
 AND 12-L.S.M.-119 ESTD.
 BY SUBDIVISION AS PER
 4. P. 702 SET AT 4 IN
 AND REC. ANNOT. IN
 5. D. BY THE
 6. THE STATE OF CALIF.
 7. THE COUNTY OF SAN
 8. JUAN, SAN JUAN CO.
 9. THE TOWN OF GROVER,
 10. THE TOWN OF GROVER,
 11. THE TOWN OF GROVER,
 12. THE TOWN OF GROVER,
 13. THE TOWN OF GROVER,
 14. THE TOWN OF GROVER,
 15. THE TOWN OF GROVER,
 16. THE TOWN OF GROVER,
 17. THE TOWN OF GROVER,
 18. THE TOWN OF GROVER,
 19. THE TOWN OF GROVER,
 20. THE TOWN OF GROVER,



Well #10

* 131' from Well Base to top of perforations

OS
 thread
 dd 45° EI
 ble to
 pool flange.
avel

5/19/60

(View) #4

Vol 1065 PAGE 348

11085

PB 90-088

#4

Easement reconveyed due to mistake originally (see underlined)

V-SLO-2-E #167
Sta. 82+ to Sta. 90+

DIRECTOR'S DEED

KNOW ALL MEN BY THESE PRESENTS:

That the STATE OF CALIFORNIA, acting by and through its Director of Public Works, does hereby Remise, Release and Quitclaim unto Leo A. Brisco and Mintie L. Brisco, husband and wife, as joint tenants all that certain real property in the County of San Luis Obispo, State of California, described as follows:

That part of Lot 11 of the Subdivisions of a part of the Ranchos El Pismo and San Miguelito in said County of San Luis Obispo, as said lot is delineated on the map recorded April 30, 1886 in the office of the County Recorder of said County, lying southerly of the southerly line of that certain right of way for highway purposes conveyed to the State of California by deed recorded September 21, 1926 in volume 55 of Official Records, at page 84, records of said county

EXCEPTING and reserving unto the State of California any and all rights of ingress to or egress from the real property herein conveyed to or from the freeway constructed upon lands lying northerly of said real property; provided, however, that said real property shall abut upon and have access to a frontage road (now a county road), which will be connected with said freeway only at such points as may be established by public authority.

AND BE IT FURTHER KNOWN:

FIRST, that the Director of Public Works has heretofore found and determined, and does hereby find and determine, that the hereinabove described parcel of land was previously acquired for State highway purposes by the State of California due to an inadvertence and mistake in the description in Deed from Leo A. Brisco and Mintie L. Brisco,

MAY 19 1960

husband and wife, to the State of California, recorded in Volume 764, Page 211, of Official Records of said County, and further, that the State of California paid no consideration for the land herein quitclaimed;

SECOND, that the purpose of this Quitclaim Deed is to convey to grantees Leo A. Brisco and Minta L. Brisco, husband and wife as joint tenants herein all right, title and interest of the State of California in and to the parcel of land above described by reason of same being included through inadvertence and mistake in the above-mentioned deed from said Leo A. Brisco and Minta L. Brisco, husband and wife to the State of California;

THIRD, that this conveyance is executed pursuant to the authority vested in the Director of Public Works by law, and, in particular, by the Streets and Highways Code.

WITNESS the hand of the Director of Public Works, and the seal of the Department of Public Works of the State of California, this 11th day of May, 1960.

STATE OF CALIFORNIA

ROBERT B. STANFORD
Director of Public Works

by Robert B. Stanford

APPROVED AS TO FORM AND CONTENT
E. G. Conn
ATTORNEY
DEPARTMENT OF PUBLIC WORKS

STATE OF CALIFORNIA } ss.
COUNTY OF SACRAMENTO }

On this day of MAY 9, 1960, in the year 19, before me, ALPHEA G. LUTHELMAN, a Notary Public in and for the County of Sacramento, State of California, residing therein, duly commissioned and sworn, personally

appeared ROBERT B. STANFORD, known to me to be the Director of the Department of Public Works of the State of California, described in and that executed the within instrument, and also known to me to be the person who executed the same on behalf of the State of California therein named and he acknowledged to me that the State of California executed the same.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal at my office in said county and State aforesaid, the day and year in this certificate first above written.

Alphea G. LutheLman
Notary Public in and for the County of Sacramento,
State of California

RESOLUTION

RESOLVED by the California Highway Commission that it having approved the manner and terms and conditions of the transaction, the execution by the Director of Public Works on behalf of the State of California of a deed conveying to Leo A. Brisco and Minta L. Brisco, husband and wife as joint tenants, a portion of Lot 11 of the Subdivisions of a part of the Rancho El Placer and San Miguelito in the County of San Luis Obispo, as said lot is delineated on the map recorded April 30, 1886 in the office of the County Recorder of said county, lying southerly of the southerly line of that certain right of way for highway purposes conveyed to the State of California by deed recorded September 21, 1928 in Volume 55 of Official Records, page 84, records of said county, which property was conveyed to the State of California for State highway purposes inadvertently and by mistake, and by reason of having been included in the description in Deed from Leo A. Brisco and Minta L. Brisco, husband and wife as joint tenants to the State of California, recorded in Volume 764, Page 211, Official Records of said County, and for which the State of California is liable

THIS IS TO CERTIFY That the foregoing is a full and correct copy of the original resolution passed by the California Highway Commission at its meeting regularly called and held on the 27th day of April, 1960, in the City of Sacramento a majority of the members of said Commission being present and voting therefor.

Dated this 3rd day of May, 1960.

G. M. COOK
ASSISTANT SECRETARY OF THE
CALIFORNIA HIGHWAY COMMISSION

Document No. 11085
RECORDED AT REQUEST OF
DIVISION OF HIGHWAYS
At 2 Min. Past 12 M.
Vol. 1065 Official Records P. 348
San Luis Obispo County, Calif.

MAY 19 1960

MAZY C. HANLIN
Acting

Bob-Arline Tax # 489.6723

Vol 764 Page 211

PB 90-086

SECTION	RANGE	TOWNSHIP	COUNTY
V	310	2	E #167

Sta. 81+80+ "N" to Sta. 110+00+ "N"

GRANT DEED (INDIVIDUAL)

WE, MR. LEO A. BRISCO and MIRA L. BRISCO, husband and wife,

GRANT to the STATE OF CALIFORNIA, all that real property in the _____ County
of San Luis Obispo, State of California, described as:

That part of Lot 11 of the Subdivisions of a part of the Ranchos
El Pismo and San Miguelito, in the County of San Luis Obispo, as said
Lot 11 is delineated on the map recorded April 30, 1886 in the office
of the County Recorder of said County, lying southerly of the following
described line.

Beginning at a point which bears N. 30° 31' 52" E., 92.00 feet
from Engineer's Station 79+48 P.O.T. "N" on the centerline of the
Department of Public Works' survey for State Highway between Arroyo
Grande and Pismo Beach, road V-310-2-E, as said centerline is delineated
on the map filed in the State Highway Map Book, pages 444 to 449
inclusive, records of said county, thence (1) N. 59° 28' 08" W., 234
feet; thence, (2) N. 30° 31' 52" E., 58.00 feet; thence, (3) N. 57° 21'
12" W., 460.31 feet; thence, (4) N. 51° 50' 51" W., 307.02 feet; thence,
(5) N. 48° 42' 39" W., 101.79 feet; thence (6) N. 68° 11' 11" W., 151.75
feet; thence, (7) N. 63° 15' 30" W., 429.41 feet; thence (8) N. 59° 40'
23" W., 322.00 feet; thence (9) N. 64° 29' 34" E., 150.71 feet; thence,
(10) N. 72° 34' 23" W., 343.12 feet; thence, (11) N. 81° 27' 26" W.,
204.18 feet; thence, (12) N. 19° 59' 50" W., 85.47 feet; thence, (13)
N. 81° 14' 53" W., 361.93 feet; thence, (14) S. 14° 00' 00" W., 43.56
feet to a point distant N. 14° 00' 00" E., 121.44 feet from Engineer's
Station 110+00 P.O.T. "N" on the above mentioned centerline of the
Department of Public Works' survey for State Highway.

Containing 16.05 acres of land, more or less, in addition to any
portion thereof, now used or set aside for roadway purposes.

Jul 14 1954

R286

Jul 14 1954

R286

Vol. 764 212

This conveyance is made for the purposes of a freeway and adjacent frontage road and the grantor hereby releases and relinquishes to the grantee any and all abutter's rights including access rights appurtenant to grantor's remaining property in and to said freeway, provided, however, that such remaining property shall abut upon and have access to said frontage road which will be connected to the freeway only at such points as may be established by public authority.

"C"

GRANT to

of

State of California
County of Los Angeles
City of Los Angeles
as described

1963
State Engineer
Department
Grants and
on the
inclusive
feet; then
12" W., L.
(5) W. 45'
feet; then
23" W., L.
(10) W. 7'
20.18 feet
N. 31° E.
feet to a
Station 11
Department

Conce
portion of

The grantee further understands that the present intention of the grantor is to construct and maintain a public highway on the lands hereby conveyed in fee and the grantee, for himself, his successors and assigns, hereby waives any claims

JUN 14 1964

12286

WL 764 R213

WL 76

For my and all designees to grant, vesting property easements in the property hereby conveyed by means of the
lot index, certificate, including or substitution of said highway,
(to wit, the lot "_____") and within the parcel or part of the regular number and the words "Tract" and "and within
the regular number of the map or map."

Grant date: 1958 day of June 1958

Special and full power to the grantors of
D. L. Dilworth Leo A. Briscoe
Wanda F. Briscoe

ACKNOWLEDGMENT OF GRANTEE

STATE OF CALIFORNIA County of _____
On this _____ day of _____ in the year one thousand nine hundred and _____
before me, _____ A Notary Public in and for said county and State, residing at _____
and name, personally appeared _____

I know to be the person described as said above and _____
represented by the under instrument, and _____
in Witness Whereof, I have hereunto set my hand and official seal this _____ day of _____
in the year one thousand nine hundred and _____

My commission expires _____
Notary Public in and for the _____
State of California

ACKNOWLEDGMENT OF SUBSCRIBING WITNESS

STATE OF CALIFORNIA County of SAN JUAN OBISPO
On this 9th day of June in the year one thousand nine hundred and 1958
before me, Louise Dilworth A Notary Public in and for said county and State, residing at _____
and name, personally appeared D. L. Dilworth
I know to be the person whose name is subscribed to the within instrument, and being by me duly sworn,
affirmed and said that he resides in the _____ County of SAN JUAN OBISPO State of California,
that he was present and saw Leo A. Briscoe and Wanda F. Briscoe

I personally know to him to be the person(s) described in, and who executed the said within instrument of June 1958.
I know to be the person(s) who subscribed the name of said person(s) subscribed the name of a certain person,
in Witness Whereof, I have hereunto set my hand and official seal this day and year in like certificate first above written.
Louise Dilworth
Notary Public in and for the _____
SAN JUAN OBISPO State of California



WL 14 1954

R286

VA 784 NOV 21 8

498/261
Dist. Highway
P.O. Box 241
San Luis Obispo

Dist.	County	R. No.	Sec.	No.

Section _____
 C. O. Schedule No. _____

STATE OF CALIFORNIA
 DEPARTMENT OF PUBLIC WORKS
 DIVISION OF HIGHWAYS

GRANT DEED
 (INDIVIDUAL)

TO
 STATE OF CALIFORNIA

Recorded at request of _____
 of _____
 County records _____
 By _____
 Deputy Recorder
 (File for the recording - Government Code, Sec. 9202)
 When recorded return to _____
 Filed _____

(CERTIFICATE OF ACCEPTANCE, GOVERNMENT CODE, SEC. 17511)

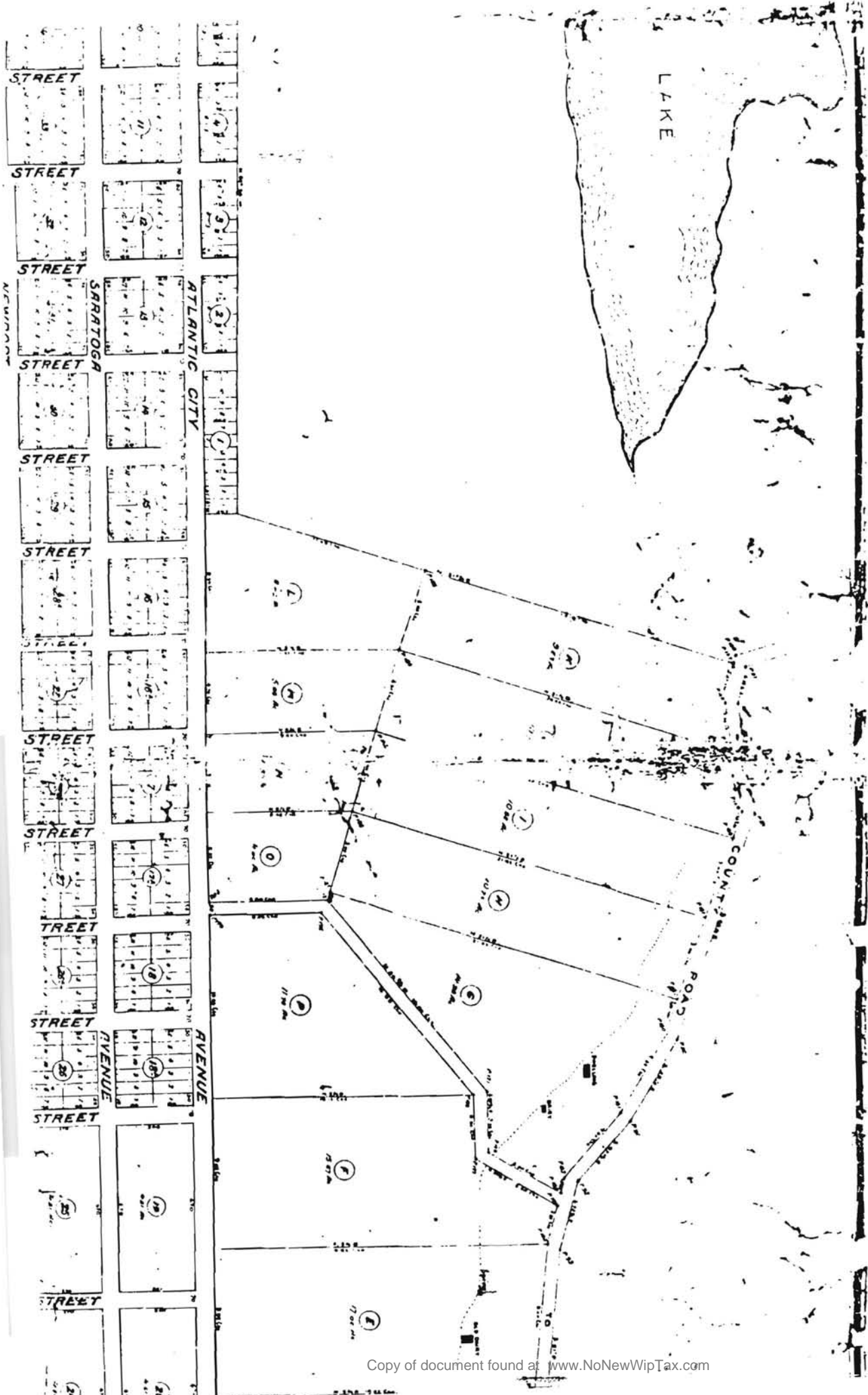
THIS IS TO CERTIFY, That the State of California, grants herein, acting by and through the Department of Public Works, Division of Highways, hereby accepts for public purposes the real property, so interest therein, conveyed by the within and assigns to the recording thereof.

In Witness Whereof, I have hereunto set my hand this _____ day of _____, 19__

FRANK C. MOORE
 Director of Public Works
Frank Moore

8286

RECORDED AT _____
 FILED _____
 NOV 21 19__



A 1000

199

FILED FOR RECORD AT REQUEST OF CHARLES P. PORTER
LICENSED LAND SURVEYOR NO. 2391

Jan. 7th 1949, AT 15 MIN. PAST 11 O'CLOCK A.M.

IN BOOK 4 PAGE 117 OF RECORDS OF SURVEYS

LICENSED SURVEYORS MAPS
SAN LUIS OBISPO COUNTY RECORDS

FEE 1.00

W.L. Ramage
COUNTY RECORDER

L.S. 4

507 3/4 iron pipe
stamped P.R. 4
L.S. 2391

FOUND L.O.
Witness Tree
N80 1/2 E
38.94
54
02 E

ROAD
N54°43'W
167.94
574°59'E
294.80

ROAD
535°13'W
10.00
C.C. MON.
107°39'40" R.C.
107°31'44" R.C.

FOUND C.C. 6" x 6" CONC. MON.

316.97 x 76
378.97 x 25.60
R=2450
D=4'40"
T=102.73
L=205.88

COUNTY
ROAD
107

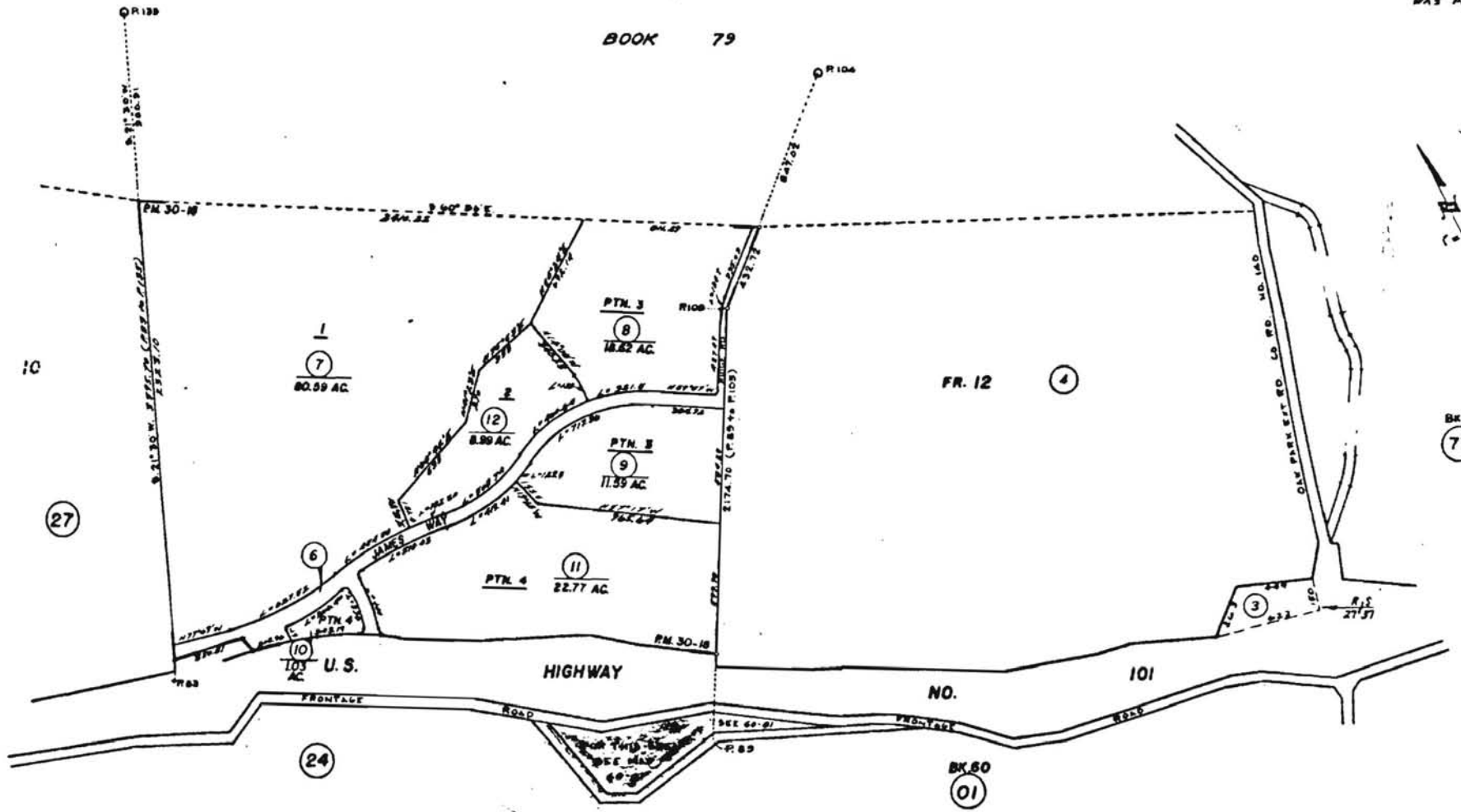
873°37'E
56.44
31778 AC

M G

14

FOUND 575"
FOUND 574"
321°18'W 2046.20 RECORD DEAD
2042.54
45°27'00"
1521.81
1521.81
321°18'W 2046.20 RECORD DEAD
RECORD CORNER TOWN LENO
RECORD PLANT RECORD ALONG





REF. "OAK PARK HEIGHTS ANNEXATION"

REV. 3-10-81

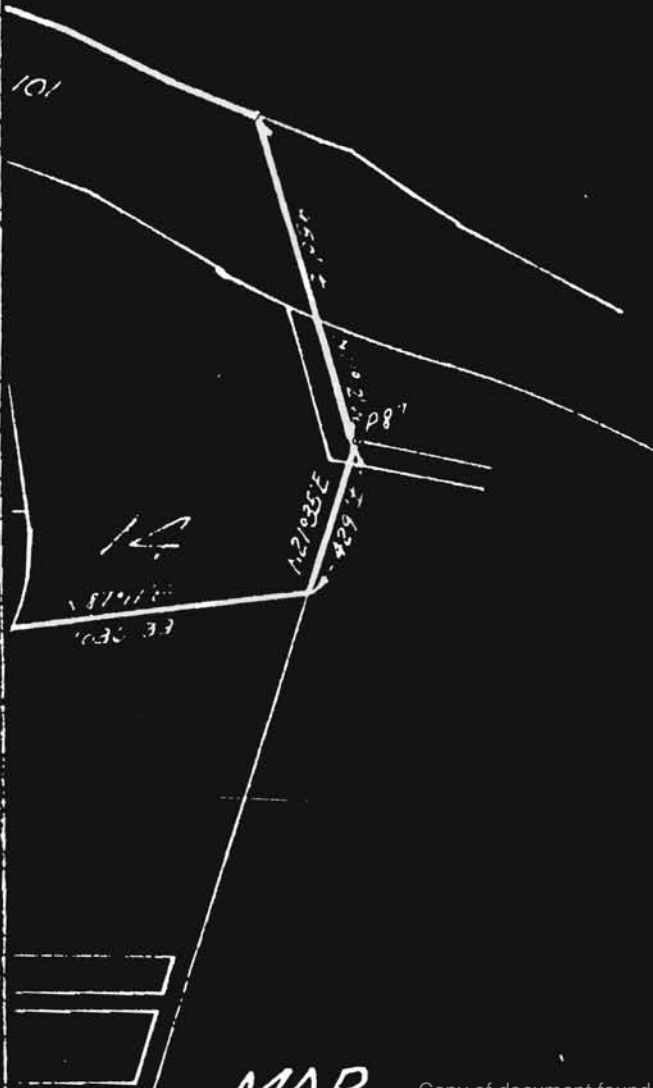
NOTE—ASSESSOR'S BLOCK & LOT NUMBERS SHOW IN CIRCLES

RANCHO EL PISMO
CITY OF PISMO BEACH
SAN LUIS OBISPO COUNTY
CALIFORNIA

THIS MAP IS FOR YOUR AID IN LOCATING LAND WITH REFERENCE TO
STREETS AND OTHER PARCELS. THE COMPANY ASSUMES NO LIABILITY
BY REASON OF RELIANCE THEREON.

TICOR TITLE INSURANCE
COMPANY OF CALIFORNIA

Copy of document found at www.NoNewWpTax.com



MAP

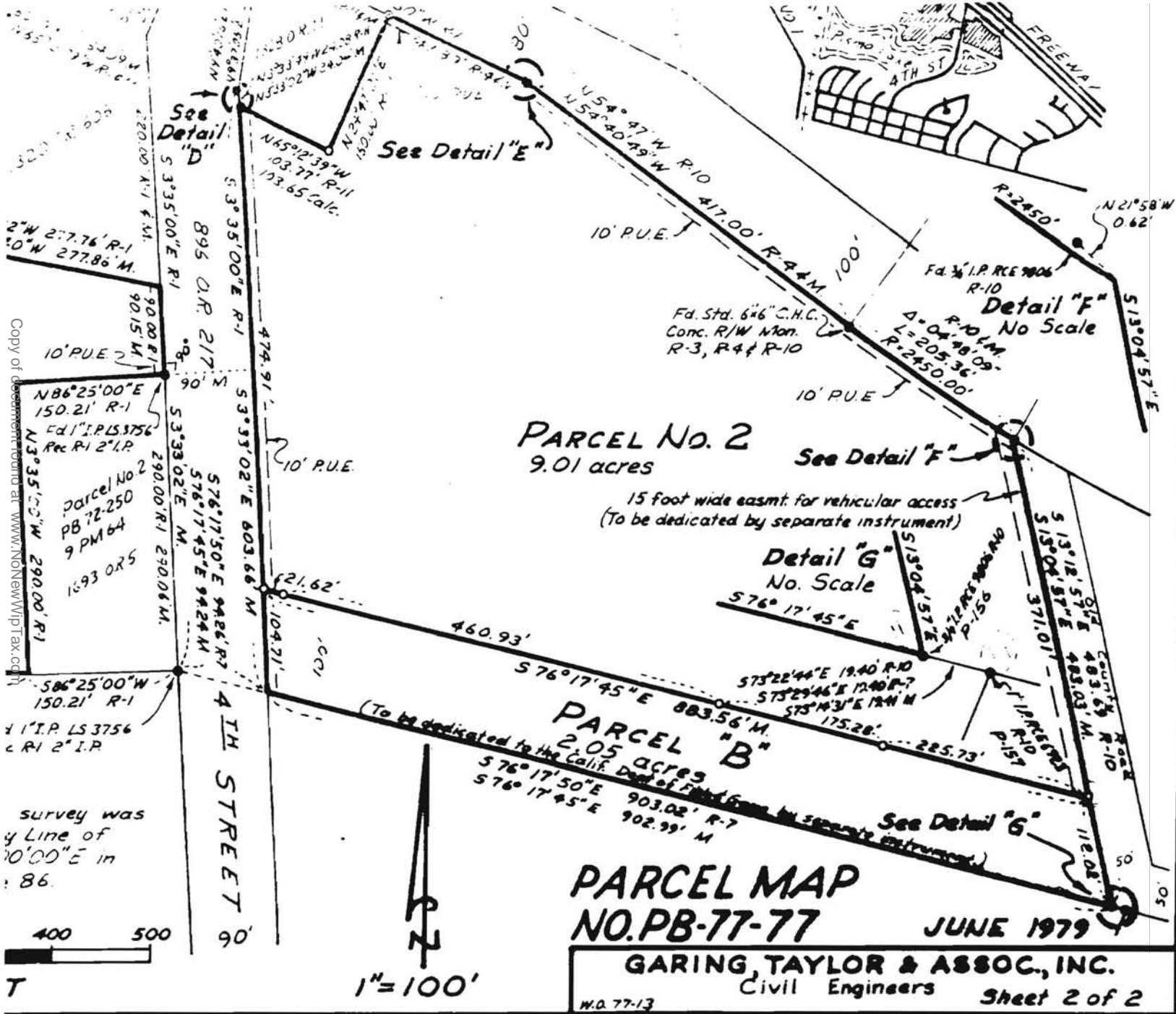
Document No. **1424**
 RECORDED AT REQUEST OF
City of Santa Beach
 At *45* Min. Past *1 P.* M.
 Vol. *978* Official Records P. *81*
 San Luis Obispo County, Calif.

JAN 20 1973

J. E. Brown

COUNTY RECORDER

By *R. Johnson* Deputy
 Fee \$*62* Indexed

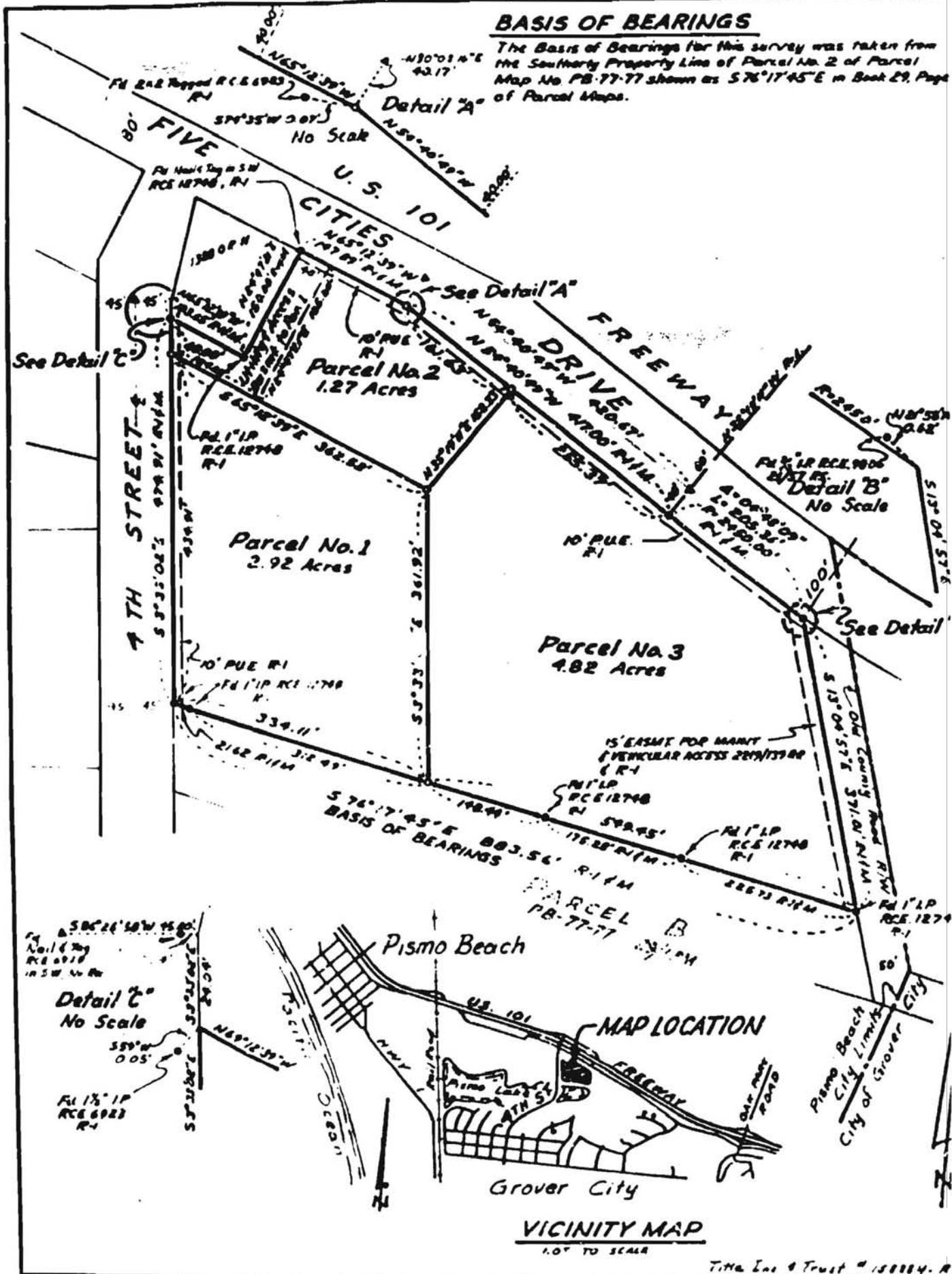


Copy of document found at www.NONNewWIPITax.com

29-1 PM

BASIS OF BEARINGS

The Basis of Bearings for this survey was taken from the Southern Property Line of Parcel No. 2 of Parcel Map No. PB-77-77 shown as S76°17'45"E in Book 29, Page of Parcel Maps.



PG&E AGRICULTURAL SERVICES, PUMP TEST REPORT

PG&E PLANT ID: 2787

A PUMP TEST WAS CONDUCTED BY DENNIS KUNKEL ON 01/29/91 FOR A 20.0 H.P. NO NAME PLATE MOTOR AND NO PUMP MAKE SUBMERSIBLE PUMP LOCATED WELL #9.

CUSTOMER MAILING ADDRESS
 CITY OF PISMO BEACH
 ATTN: ROCKY RODGERS
 1000 BELLO STREET
 PISMO BEACH, CA 93449

ACCOUNT INFORMATION
 ACCOUNT NO. MBV-58-02921
 METER NO. 59794T
 ENERGY USAGE: 134951 KWH/YR
 ENERGY COST: 9.00 CENTS/KWH

TEST RESULTS

RUN NUMBER	
	1111
STANDING WATER LEVEL (FT)	24.0
DRAWDOWN (FT)	25.0
PUMPING WATER LEVEL (FT)	99.0
DISCHARGE LEVEL (FT)	147.8
DISCHARGE PRESSURE AT GAUGE (PSI)	64.0
TOTAL LIFT (FT)	246.8
PG&E WATER FLOW RATE (GPM)	145
WELL YIELD	5.8
ACRE FEET PER 24 HOURS	1.6
HORSEPOWER INPUT TO MOTOR	24.1
PERCENT OF RATED MOTOR LOAD	98
KILOWATT INPUT TO MOTOR	18.1
KILOWATT HOURS PER THOUS. GALS	2.1
OVERALL PLANT EFFICIENCY	37.4

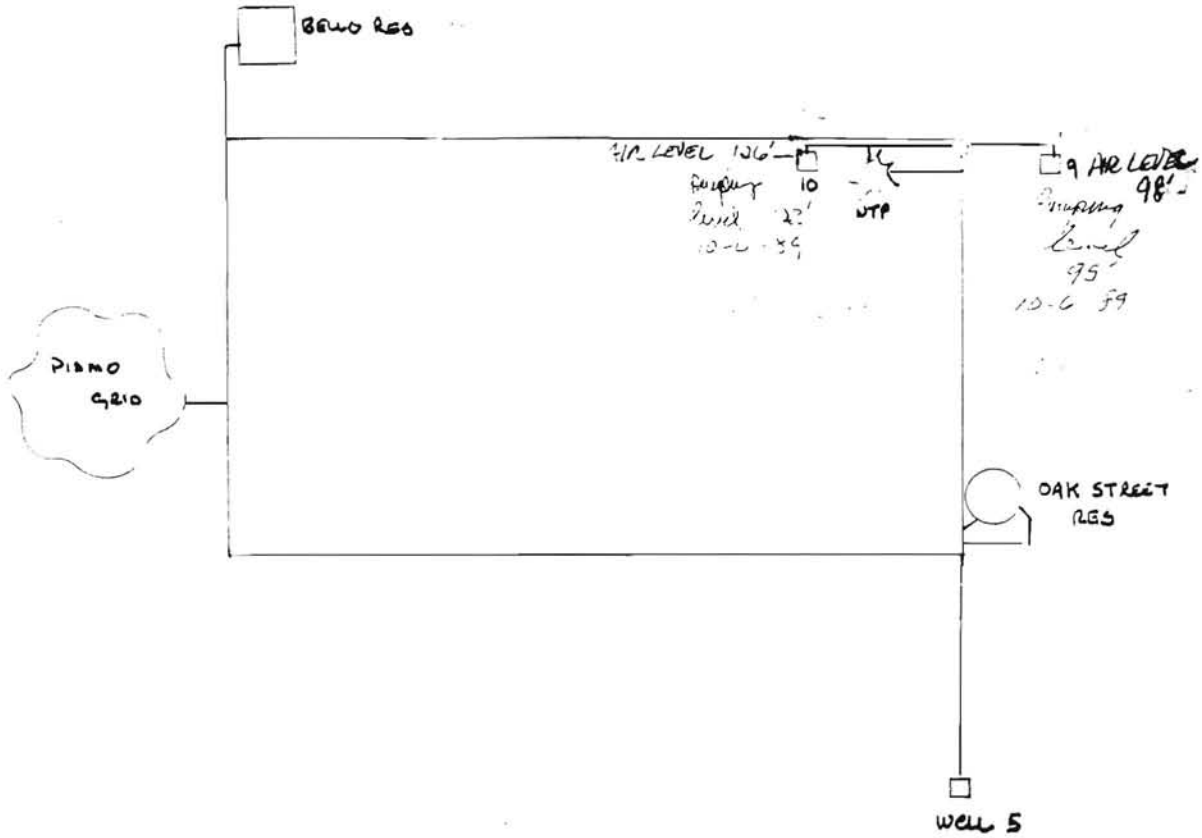
TEST REMARKS

-THE OVERALL PLANT EFFICIENCY IS LOW BASED ON RUN NUMBER 1'S NORMAL OPERATING CONDITION.

POTENTIAL SAVINGS

THE SAVINGS BELOW ARE POSSIBLE IF THE OVERALL EFFICIENCY OF YOUR PUMPING PLANT WOULD BE IMPROVED TO THE LEVEL INDICATED BELOW. THE CALCULATIONS BELOW ARE BASED ON NORMAL RUN NUMBER 1.

	PRESENT CONDITIONS	ESTIMATE AFTER REPAIRS	POTENTIAL SAVINGS
OVERALL PLANT EFFICIENCY (%)	37.4	60.9	-
ANNUAL ENERGY USED (KWH)	134951	87577	47374
ANNUAL COST (\$)	12146	7882	4264
ANNUAL OPERATING HOURS	7497	4852	2646
WATER FLOW RATE (GPM)	145	224	79
TOTAL LIFT (FT)	246.8	260.4	-
% OF RATED MOTOR LOAD	98	100	-
KILOWATT HOURS PER THOUS. GALS	2.1	1.3	0.8
ANNUAL THOUS. GALS PUMPED	64262	64262	-



Tony

Within the next
2 weeks, stop
5, 9 & 10 long enough
to get static reading
and return to me
with this info. *Tom*
9/23

Level of sand

10-5-85

28"

Well # 9 53' SWL
10-5-85

Well # 1 90' SWL?
10-5-85

Well #10

according to Rusty Savin

Normal flow is app 215 - 230

5-11-90

@ Computer

Pressure fluctuating

	Pressure	Flow
12:28 pm	32.9 #	
12:23	31.37 #	
12:24	100.00	183.53
12:27	100.00	183.53
12:29	100	176.47
12:30	78.04	183.53
		87.06
12:31	100	183.53
12:32	87.84	183.53
12:34	85.10	183.53
12:35	85.49	150.59
well 9 12:36	85.88	183.53
12:41	77.25	183.53

Time	Pressure	Flow
12:28 pm	58.04 #	232.94
12:29	same	same
12:30	54.51	242.35
12:31	58.04	232.94
12:32	58.04	235.29
12:34	58.04	232.94
12:35	58.43	195.29
12:36	58.04	232.94
12:41	58.04	235.29

Coast-to-Coast Analytical Services

Coast-to-Coast Analytical Services
141 Suburban Road, Suite C-4
San Luis Obispo, California 93401
(805) 543-2553

Lab Number: H-0522-1
Collected: 02/08/91
Received: 02/08/91
Tested: 02/08/91
Collected by: Rocky Rogers

ATTN: Rocky Rogers
City of Pismo Beach
P.O. Box 3
Pismo Beach, CA 93448

Sample Description:

Solid Material from Well #9 Casing

REPORT

CONSTITUENT

METHOD/DATE/ANALYST

Bacteria

SM (17th ed.) 9240/02-119/02-21-91/JRH

R
CITY OF PISMO BEACH

The sample appeared sand-like in general but did contain significant organic material which was separated by mixing in phosphate buffer water. No obvious odor was noted in the raw sample.

The organic fraction was examined microscopically and found to consist of encapsulated bacteria of mixed flora. Spiral, coccoid, and rod shaped cells were observed; some of which resembled iron and sulfur bacteria.

Approximately 20 milliliters (1:10 dilution - in duplicate) were added to enrichment media specific for iron and sulfur bacteria and examined through 16 days. The sample proved positive for iron reducing bacteria and exhibited a strong reaction in one tube for sulfate reducing bacteria (SRB). The second tube (SRB) is marginal and will require additional incubation.

A heterotrophic plate count was performed and aerobic organisms numbered about 150,000 per gram of sample. Pseudomonas aeruginosa and coliform group organisms were not isolated, indicating no recent contamination by warm blooded animals.


02/25/91
H0522-1P.WR1/#4
MH/ke

Respectfully submitted,
COAST-TO-COAST ANALYTICAL SERVICES

Mary Havlicek
Mary Havlicek, Ph.D., President

September 19~~88~~-1989

MEMO TO: Jim Ashcraft, Director of Public Works

F R O M: Tony Sicre, Water Superintendent 

SUBJECT: Static Water Level of the City Wells

DISCUSSION

On September 18th you asked for records, of the Static Water Levels, for all the wells the City of Pismo Beach operates. Attached are PG&E reports for well # 5,9, and 10. Included are reports by Tim Cleath on wells 9 and 10.

Well # 5

DATE	SWL	Pumping Water Level
2-27-86	65 ft	141.3 ft
6-30-86	76 ft	167.0 ft
10-28-86	79 ft	151.0 ft
12-4-86	77.5 ft	136.0 ft
5-1-87	81 ft	152.0 ft
6-22-87	92 ft	145.0 ft
6-30-87	87 ft	146.5 ft

No testing was performed on the wells in 1988, by PG&E. PG&E is schedule to return in November,1989 to retest the wells and some of the booster pumps.

Well # 9

DATE	SWL	Pumping Water Level
12-26-85	15.8 ft	65.1 ft
7-21-89	N\A	93.0 ft

Well # 10

DATE	SWL	Pumping Water Level
1-20-86	48.7 ft	N\A
1-21-86	50.3 ft	91.0 ft
6-21-89	N\A	89.0 ft
7-21-89	N\A	90.0 ft

N\A = No data as wells were running, and due to demand could not be shut down.

file:tswells

attachments.

PACIFIC GAS AND ELECTRIC COMPANY
* PUMP TEST REPORT **

----- CUSTOMER AND FACILITY DATA -----

PLANT LOCATION : ██████████ PG&E PLANT ID.# : 2202
MOTOR MAKE : Other H.P. : 100.0 CONTROL# : 0224081-0 SUF. = A
PUMP MAKE : Peerless TYPE : Submersible ACCOUNT# : NBV-57-69301
MAILING ADDRESS : METER# : T43990
C.G.C. # :
CITY OF PISMO BEACH ENERGY USAGE : 194240 KWH/YR
1000 BELLO ENERGY COST : 8.50 CENTS/KWH
PISMO BEACH CA 93449 THOU.GALS/YR : 81834.9

----- TEST RESULTS -----

TEST DATE : ██████████ CREW : RUSS CRACKNELL PHONE : (805)546-8651

RUN NUMBER 1

MEASURED RPM ██████████
DRAWDOWN (FT) 76.3
PUMPING WATER LEVEL (FT) 141.3
DISCHARGE LEVEL (FT) 314.1
DISCHARGE PRESSURE AT GAUGE (PSI) 136.0
TOTAL LIFT (FT) 455.4
SURVEY LIFT (FT) -
PGE WATER FLOW RATE (GPM) 672
CUSTOMER WATER FLOW RATE (GPM) 680
WELL YIELD (GPM/FT DRAWDOWN) 8.8
THOU.GALS PER 24 HOURS 967.7
HORSEPOWER INPUT TO MOTOR 128.3
PERCENT OF RATED MOTOR LOAD 110
KILOWATT INPUT TO MOTOR 95.7
KILOWATT HOURS PER THOU.GALS 2.4
OVERALL PLANT EFFICIENCY (%) 60.2

----- REMARKS -----

- * THE OVERALL EFFICIENCY OF THIS PLANT IS CONSIDERED TO BE FAIR ASSUMING RUN NUMBER 1 REPRESENTS THE PLANT'S NORMAL OPERATING CONDITIONS.
- * DATUM IS CENTER LINE OF DISCHARGE PIPE UNLESS OTHERWISE SPECIFIED.

PACIFIC GAS AND ELECTRIC COMPANY

*** PUMP TEST REPORT ***

----- CUSTOMER AND FACILITY DATA -----
 PLANT LOCATION : ██████████ PG&E PLANT ID.# : 2202
 MOTOR MAKE : Unknown H.P. : 100 CONTROL# : 0224081-0 SUF. = B
 PUMP MAKE : Delta TYPE : Submersible ACCOUNT# : MBV-57-69301
 MAILING ADDRESS : METER# : T71060
 C.G.C. # :
 CITY OF PISMO BEACH ENERGY USAGE : 194240 KWH/YR
 1000 BELLO ENERGY COST : 8.5 CENTS/KWH
 PISMO BEACH CA 93449 THOU.GALS/YR : 92329.0

----- TEST RESULTS -----
 TEST DATE : ██████████ TESTER : RUSS CRACKNELL PHONE : (805)546-8651

RUN NUMBER 1
 MEASURED RPM -
 ██████████
 DRAWDOWN (FT) 91.0
 PUMPING WATER LEVEL (FT) 167
 DISCHARGE LEVEL (FT) 267.9
 DISCHARGE PRESSURE AT GAUGE (PSI) 116
 TOTAL LIFT (FT) 434.9
 SURVEY LIFT (FT) -
 PGE WATER FLOW RATE (GPM) 633
 WELL YIELD (GPM/FT DRAWDOWN) 7.0
 THOU.GALS PER 24 HOURS 91175
 HORSEPOWER INPUT TO MOTOR 107.1
 PERCENT OF RATED MOTOR LOAD 92
 KILOWATT INPUT TO MOTOR 79.9
 KILOWATT HOURS PER THOU.GALS 2.1
 OVERALL PLANT EFFICIENCY (%) 64.9

----- REMARKS -----
 * THE OVERALL EFFICIENCY OF THIS PLANT IS CONSIDERED TO BE GOOD ASSUMING RUN NUMBER 1 REPRESENTS THE PLANT'S NORMAL OPERATING CONDITIONS.
 * DATUM IS CENTER LINE OF DISCHARGE PIPE UNLESS OTHERWISE SPECIFIED.

----- POTENTIAL SAVINGS -----

THE POTENTIAL SAVINGS SHOWN BELOW ARE POSSIBLE IF THE EFFICIENCY OF YOUR PUMPING PLANT COULD BE IMPROVED TO THE LEVEL INDICATED. NORMAL PLANT OPERATION IS ASSUMED TO BE RUN NUMBER 1.

	PRESENT CONDITIONS	ESTIMATED AFTER REPAIRS	POTENTIAL SAVINGS/IMPROVEMENTS
OVERALL PLANT EFFICIENCY (%)	64.9	66.9	-
ANNUAL ENERGY USED (KWH)	194240	192469	1771
ANNUAL COST (\$)	16510	16360	151
ANNUAL OPERATING HOURS	2431	2219	212
WATER FLOW RATE (GPM)	633	694	61
TOTAL LIFT (FT)	434.9	444	-
% OF RATED MOTOR LOAD	92	100	-
KILOWATT HOURS PER THOU.GALS	2.1	2.1	0
ANNUAL THOU.GALS PUMPED	92329.0	92329.0	-

*** PUMP TEST REPORT ***

----- CUSTOMER AND FACILITY DATA -----

PLANT LOCATION : ██████████ PG&E PLANT ID.# : 2202
 MOTOR MAKE : Other H.P. : 100.0 CONTROL# : 0224081-0 SUF. = A
 PUMP MAKE : Pearless TYPE : Submersible ACCOUNT# : MBV-57-69301
 MAILING ADDRESS : METER# : T71060
 C.G.C. # :
 CITY OF PISMO BEACH ENERGY USAGE : 205400 KWH/YR
 1000 BELLO ST ENERGY COST : 8.50 CENTS/KWH
 PISMO BEACH CA 93449 THOU.GALS/YR : 89289.1

----- TEST RESULTS -----

TEST DATE : ██████████ TESTER : RUSS CRACKNELL PHONE : (805)546-8651

RUN NUMBER 1

MEASURED RPM -

██████████ ██████████

DRAWDOWN (FT) 72.0

PUMPING WATER LEVEL (FT) 151.0

DISCHARGE LEVEL (FT) 272.6

DISCHARGE PRESSURE AT GAUGE (PSI) 118.0

TOTAL LIFT (FT) 423.6

SURVEY LIFT (FT) -

PGE WATER FLOW RATE (GPM) 576

CUSTOMER WATER FLOW RATE (GPM) 576

WELL YIELD (GPM/FT DRAWDOWN) 8.0

THOU.GALS PER 24 HOURS 829.4

HORSEPOWER INPUT TO MOTOR 106.6

PERCENT OF RATED MOTOR LOAD 91

KILOWATT INPUT TO MOTOR 79.5

KILOWATT HOURS PER THOU.GALS 2.3

OVERALL PLANT EFFICIENCY (%) 59.7

----- REMARKS -----

* THE OVERALL EFFICIENCY OF THIS PLANT IS CONSIDERED TO BE FAIR ASSUMING RUN NUMBER 1 REPRESENTS THE PLANT'S NORMAL OPERATING CONDITIONS.

* DATUM IS CENTER LINE OF DISCHARGE PIPE UNLESS OTHERWISE SPECIFIED.

----- POTENTIAL SAVINGS -----

THE POTENTIAL SAVINGS SHOWN BELOW ARE POSSIBLE IF THE EFFICIENCY OF YOUR PUMPING PLANT COULD BE IMPROVED TO THE LEVEL INDICATED. NORMAL PLANT OPERATION IS ASSUMED TO BE RUN NUMBER 1.

	PRESENT CONDITIONS	ESTIMATED AFTER REPAIRS	POTENTIAL SAVINGS/IMPROVEMENTS
OVERALL PLANT EFFICIENCY (%)	59.7	66.9	-
ANNUAL ENERGY USED (KWH)	205400	184267	21133
ANNUAL COST (\$)	17459	15663	1796
ANNUAL OPERATING HOURS	2584	2124	459
WATER FLOW RATE (GPM)	576	701	125
TOTAL LIFT (FT)	423.6	439	-
% OF RATED MOTOR LOAD	91	100	-
KILOWATT HOURS PER THOU.GALS	2.3	2.1	0
ANNUAL THOU.GALS PUMPED	89289.1	89289.1	-

PUMP TEST REPORT

CUSTOMER AND FACILITY DATA		
PLANT LOCATION : ██████████	H.P. : 100	PG&E PLANT ID.# : 2202
MOTOR MAKE : Unknown	TYPE : Submersible	CONTROL# : 0224081-0 SUF. = A
PUMP MAKE : Peerless		ACCOUNT# : MBV-57-69301
MAILING ADDRESS :		METER# : T71060
		C.G.C. # :
CITY OF PISMO BEACH		ENERGY USAGE : 205400 KWH/YR
1000 BELLO ST		ENERGY COST : 8 CENTS/KWH
PISMO BEACH CA 93449		THOU.GALS/YR : 85703.3

TEST RESULTS		
TEST DATE : ██████████	TESTER : RUSS CRACKNELL	PHONE : (805)546-8651

RUN NUMBER	1
MEASURED RPM	-
██████████	██████████
DRAWDOWN (FT)	58.5
PUMPING WATER LEVEL (FT)	136
DISCHARGE LEVEL (FT)	263.3
DISCHARGE PRESSURE AT GAUGE (PSI)	114
TOTAL LIFT (FT)	399.3
SURVEY LIFT (FT)	-
PGE WATER FLOW RATE (GPM)	548
CUSTOMER WATER FLOW RATE (GPM)	553
WELL YIELD (GPM/FT DRAWDOWN)	9.4
THOU.GALS PER 24 HOURS	789.1
HORSEPOWER INPUT TO MOTOR	105.6
PERCENT OF RATED MOTOR LOAD	91
KILOWATT INPUT TO MOTOR	78.8
KILOWATT HOURS PER THOU.GALS	2.4
OVERALL PLANT EFFICIENCY (%)	52.0

REMARKS

* THE OVERALL EFFICIENCY OF THIS PLANT IS CONSIDERED TO BE LOW ASSUMING RUN NUMBER 1 REPRESENTS THE PLANT'S NORMAL OPERATING CONDITIONS.

* DATUM IS CENTER LINE OF DISCHARGE PIPE UNLESS OTHERWISE SPECIFIED.

POTENTIAL SAVINGS

THE POTENTIAL SAVINGS SHOWN BELOW ARE POSSIBLE IF THE EFFICIENCY OF YOUR PUMPING PLANT COULD BE IMPROVED TO THE LEVEL INDICATED. NORMAL PLANT OPERATION IS ASSUMED TO BE RUN NUMBER 1.

	PRESENT CONDITIONS	ESTIMATED AFTER REPAIRS	POTENTIAL SAVINGS/IMPROVEMENTS
OVERALL PLANT EFFICIENCY (%)	52.0	66.9	-
ANNUAL ENERGY USED (KWH)	205400	168805	36595
ANNUAL COST (\$)	16432	13504	2928
ANNUAL OPERATING HOURS	2607	1946	661
WATER FLOW RATE (GPM)	548	734	186
TOTAL LIFT (FT)	399.3	419	-
% OF RATED MOTOR LOAD	91	100	-
KILOWATT HOURS PER THOU.GALS	2.4	2.0	0
ANNUAL THOU.GALS PUMPED	85703.3	85703.3	-

IC GAS AND ELECTRIC CO
 *** PUMP TEST REPORT **

----- CUSTOMER AND FACILITY DATA -----

PLANT LOCATION : ██████████	PG&E PLANT ID.# : 2202
MOTOR MAKE : Other	H.P. : 100.0
PUMP MAKE : Peerless	CONTROL# : 0224081-0
MAILING ADDRESS :	SUF. = A
	ACCOUNT# : NBV-57-69301
	METER# : T71060
	C.G.C. # :
CITY OF PISMO BEACH	ENERGY USAGE : 317080 KWH/YR
1000 BELLO ST	ENERGY COST : 8.50 CENTS/KWH
PISMO BEACH CA 93449	THOU.GALS/YR : 138226.2

----- TEST RESULTS -----

TEST DATE : ██████████ TESTER : HAROLD HARRIS PHONE : (805)546-8651

RUN NUMBER	1
MEASURED RPM	-
██████████	██████████
DRAWDOWN (FT)	71.0
PUMPING WATER LEVEL (FT)	152.0
DISCHARGE LEVEL (FT)	254.1
DISCHARGE PRESSURE AT GAUGE (PSI)	110.0
TOTAL LIFT (FT)	406.1
SURVEY LIFT (FT)	-
PGE WATER FLOW RATE (GPM)	566
WELL YIELD (GPM/FT DRAWDOWN)	8.0
THOU.GALS PER 24 HOURS	815.0
HORSEPOWER INPUT TO MOTOR	104.4
PERCENT OF RATED MOTOR LOAD	90
KILOWATT INPUT TO MOTOR	77.9
KILOWATT HOURS PER THOU.GALS	2.3
OVERALL PLANT EFFICIENCY (%)	56.0

----- REMARKS -----

- * THE OVERALL EFFICIENCY OF THIS PLANT IS CONSIDERED TO BE LOW ASSUMING RUN NUMBER 1 REPRESENTS THE PLANT'S NORMAL OPERATING CONDITIONS.
- * DATUM IS CENTER LINE OF DISCHARGE PIPE UNLESS OTHERWISE SPECIFIED.
- * WATER LEVELS DETERMINED USING CUSTOMER AIR LINE.

----- POTENTIAL SAVINGS -----

THE POTENTIAL SAVINGS SHOWN BELOW ARE POSSIBLE IF THE EFFICIENCY OF YOUR PUMPING PLANT COULD BE IMPROVED TO THE LEVEL INDICATED. NORMAL PLANT OPERATION IS ASSUMED TO BE RUN NUMBER 1.

	PRESENT CONDITIONS	ESTIMATED AFTER REPAIRS	POTENTIAL SAVINGS/IMPROVEMENTS
OVERALL PLANT EFFICIENCY (%)	56.0	66.9	-
ANNUAL ENERGY USED (KWH)	317080	276545	40535
ANNUAL COST (\$)	26952	23506	3446
ANNUAL OPERATING HOURS	4070	3188	882
WATER FLOW RATE (GPM)	566	723.	157
TOTAL LIFT (FT)	406.1	426	-
% OF RATED MOTOR LOAD	90	100	-
KILOWATT HOURS PER THOU.GALS	2.3	2.0	0
ANNUAL THOU.GALS PUMPED	138226.2	138226.2	-

PACIFIC GAS AND ELECTRIC COMPANY

*** PUMP TEST REPORT ***

----- CUSTOMER AND FACILITY DATA -----

PLANT LOCATION : ██████████	H.P. : 100.0	PG&E PLANT ID.# : 2202
MOTOR MAKE : Other	TYPE : Submersible	CONTROL# : 0224081-0 SUF. = A
PUMP MAKE : Peerless		ACCOUNT# : NBV-57-69301
MAILING ADDRESS :		METER# : T71060
		C.G.C. # :
CITY OF PISMO BEACH		ENERGY USAGE : 317080 KWH/YR
1000 BELLO ST		ENERGY COST : 8.50 CENTS/KWH
PISMO BEACH CA 93449		THOU.GALS/YR : 130629.6

----- TEST RESULTS -----

TEST DATE : ██████████ TESTER : HAROLD HARRIS PHONE : (805)546-8651

RUN NUMBER	1
MEASURED RPM	-
██	██████████
	53.0
PUMPING WATER LEVEL (FT)	145.0
DISCHARGE LEVEL (FT)	254.1
DISCHARGE PRESSURE AT GAUGE (PSI)	110.0
TOTAL LIFT (FT)	399.1
SURVEY LIFT (FT)	-
PG&E WATER FLOW RATE (GPM)	550
WELL YIELD (GPM/FT DRAWDOWN)	10.4
THOU.GALS PER 24 HOURS	792.0
HORSEPOWER INPUT TO MOTOR	107.4
PERCENT OF RATED MOTOR LOAD	92
KILOWATT INPUT TO MOTOR	80.1
KILOWATT HOURS PER THOU.GALS	2.4
OVERALL PLANT EFFICIENCY (%)	52.0

----- REMARKS -----

- * THE OVERALL EFFICIENCY OF THIS PLANT IS CONSIDERED TO BE LOW ASSUMING RUN NUMBER 1 REPRESENTS THE PLANT'S NORMAL OPERATING CONDITIONS.
- * DATUM IS CENTER LINE OF DISCHARGE PIPE UNLESS OTHERWISE SPECIFIED.

----- POTENTIAL SAVINGS -----

THE POTENTIAL SAVINGS SHOWN BELOW ARE POSSIBLE IF THE EFFICIENCY OF YOUR PUMPING PLANT COULD BE IMPROVED TO THE LEVEL INDICATED. NORMAL PLANT OPERATION IS ASSUMED TO BE RUN NUMBER 1.

	PRESENT CONDITIONS	ESTIMATED AFTER REPAIRS	POTENTIAL SAVINGS/IMPROVEMENTS
OVERALL PLANT EFFICIENCY (%)	52.0	66.9	-
ANNUAL ENERGY USED (KWH)	317080	256069	61011
ANNUAL COST (\$)	26952	21766	5186
ANNUAL OPERATING HOURS	3959	2952	1007
WATER FLOW RATE (GPM)	550	738	188
TOTAL LIFT (FT)	399.1	417	-
% OF RATED MOTOR LOAD	92	100	-
KILOWATT HOURS PER THOU.GALS	2.4	2.0	0
ANNUAL THOU.GALS PUMPED	130629.6	130629.6	-

PACIFIC GAS AND ELECTRIC COMPANY
 *** PUMP TEST REPORT ***

----- CUSTOMER AND FACILITY DATA -----
 PLANT LOCATION : [REDACTED] PG&E PLANT ID.# : 2202
 MOTOR MAKE : Other [REDACTED] H.P. : 100.0 CONTROL# : 0224081-0 SUF. = A
 PUMP MAKE : Peerless TYRE: ~~Submersible~~ ACCOUNT# : NBV-57-69301
 MAILING ADDRESS : METER# : T71060
 C.G.C. # :
 CITY OF PISMO BEACH ENERGY USAGE : 317080 KWH/YR
 1000 BELLO ST ENERGY COST : 8.50 CENTS/KWH
 PISMO BEACH CA 93449 THOU.GALS/YR : 130043.3

----- TEST RESULTS -----
 TEST DATE [REDACTED] TESTER : HAROLD HARRIS PHONE : (805)546-8651

RUN NUMBER 1
 MEASURED RPM [REDACTED]
 [REDACTED]
 [REDACTED] 59.5
 PUMPING WATER LEVEL (FT) 146.5
 DISCHARGE LEVEL (FT) 256.4
 DISCHARGE PRESSURE AT GAUGE (PSI) 111.0
 TOTAL LIFT (FT) 402.9
 SURVEY LIFT (FT) -
 PGE-WATER FLOW RATE (GPM) 553
 CUSTOMER WATER FLOW RATE (GPM) 539
 WELL YIELD (GPM/FT DRAWDOWN) 9.3
 THOU.GALS PER 24 HOURS 796.3
 HORSEPOWER INPUT TO MOTOR 108.4
 PERCENT OF RATED MOTOR LOAD 93
 KILOWATT INPUT TO MOTOR 80.9
 KILOWATT HOURS PER THOU.GALS 2.4
 OVERALL PLANT EFFICIENCY (%) 52.0

RECEIVED
 JUL 2 1987
 CITY OF PISMO BEACH
 FINANCE DEPT.

----- REMARKS -----
 * THE OVERALL EFFICIENCY OF THIS PLANT IS CONSIDERED TO BE LOW ASSUMING
 RUN NUMBER 1 REPRESENTS THE PLANT'S NORMAL OPERATING CONDITIONS.
 * DATUM IS CENTER LINE OF DISCHARGE PIPE UNLESS OTHERWISE SPECIFIED.
 * WATER LEVELS DETERMINED USING CUSTOMER AIR LINE.

----- POTENTIAL SAVINGS -----
 THE POTENTIAL SAVINGS SHOWN BELOW ARE POSSIBLE IF THE EFFICIENCY OF YOUR
 PUMPING PLANT COULD BE IMPROVED TO THE LEVEL INDICATED. NORMAL PLANT OPERATION
 IS ASSUMED TO BE RUN NUMBER 1.

	PRESENT CONDITIONS	ESTIMATED AFTER REPAIRS	POTENTIAL SAVINGS/IMPROVEMENTS
OVERALL PLANT EFFICIENCY (%)	52.0	66.9	-
ANNUAL ENERGY USED (KWH)	317080	257795	59285
ANNUAL COST (\$)	26952	21913	5039
ANNUAL OPERATING HOURS	3919	2972	948
WATER FLOW RATE (GPM)	553	729	176
TOTAL LIFT (FT)	402.9	422	-
% OF RATED MOTOR LOAD	93	100	-
KILOWATT HOURS PER THOU.GALS	2.4	2.0	0
ANNUAL THOU.GALS PUMPED	130043.3	130043.3	-

PACIFIC GAS AND ELECTRIC COMPANY
*** PUMP TEST REPORT ***

----- CUSTOMER AND FACILITY DATA -----

PLANT LOCATION : [REDACTED] PG&E PLANT ID.# : 2202
MOTOR MAKE : Other H.P. : 100.0 CONTROL# : 0224081-0 SUF. = A
PUMP MAKE : Peerless TYPE : Submersible ACCOUNT# : NBV-76-61401
MAILING ADDRESS : METER# : T71060
C.G.C. # :
CITY OF PISMO BEACH ENERGY USAGE : 360200 KWH/YR
1000 BELLO ST ENERGY COST : 10.0 CENTS/KWH
PISMO BEACH CA 93449 THOU.GALS/YR : 153850.2

----- TEST RESULTS -----

TEST DATE : [REDACTED] TESTER : DENNIS KUNKEL PHONE : (805)595-6322

RUN NUMBER	1
MEASURED RPM	[REDACTED]
PUMPING WATER LEVEL (FT)	146.0
DISCHARGE LEVEL (FT)	247.1
DISCHARGE PRESSURE AT GAUGE (PSI)	107.0
TOTAL LIFT (FT)	393.1
SURVEY LIFT (FT)	-
CUSTOMER WATER FLOW RATE (GPM)	509
WELL YIELD (GPM/FT DRAWDOWN)	-
THOU.GALS PER 24 HOURS	733.0
HORSEPOWER INPUT TO MOTOR	95.8
PERCENT OF RATED MOTOR LOAD	82
KILOWATT INPUT TO MOTOR	71.5
KILOWATT HOURS PER THOU.GALS	2.3
OVERALL PLANT EFFICIENCY (%)	52.6

----- REMARKS -----

THE OVERALL EFFICIENCY OF THIS PLANT IS CONSIDERED TO BE LOW ASSUMING RUN NUMBER 1 REPRESENTS THE PLANT'S NORMAL OPERATING CONDITIONS. DATUM IS CENTER LINE OF DISCHARGE PIPE UNLESS OTHERWISE SPECIFIED. PUMP COULD NOT BE TURNED OFF, STANDING WATER LEVEL AND YIELD COULD NOT BE OBTAINED. PUMP MAY NOT BE OPERATING UNDER CONDITIONS FOR WHICH IT WAS DESIGNED. SUGGEST FURTHER TESTING TO DETERMINE PEAK EFFICIENCY CONDITIONS. ANNUAL USAGE INCLUDES OTHER MOTORS ON THIS METER

PACIFIC GAS AND ELECTRIC COMPANY
*** PUMP TEST REPORT ***

----- CUSTOMER AND FACILITY DATA -----
PLANT LOCATION : [REDACTED] PG&E PLANT ID.# : 2787
MOTOR MAKE : Unknown H.P. : 30.0 CONTROL# : 5236364-1 SUF. = A
PUMP MAKE : Unknown TYPE : Submersible ACCOUNT# : MBV-58-03721
MAILING ADDRESS : METER# : 59796T
C.G.C. # :
CITY OF PISMO BEACH ENERGY USAGE : 167130 KWH/YR
1000 BELLO ST ENERGY COST : 10.0 CENTS/KWH
PISMO BEACH CA 93449 THOU.GALS/YR : 93891.4

----- TEST RESULTS -----
TEST DATE : [REDACTED] TESTER : DENNIS KUNKEL PHONE : (805)595-6322
RUN NUMBER 1
MEASURED RPM -
[REDACTED] -
[REDACTED] (FT) 90.0
DISCHARGE LEVEL (FT) 106.2
DISCHARGE PRESSURE AT GAUGE (PSI) 46.0
TOTAL LIFT (FT) 196.2
SURVEY LIFT (FT) -
CUSTOMER WATER FLOW RATE (GPM) 250
WELL YIELD (GPM/FT DRAWDOWN) -
THOU.GALS PER 24 HOURS 360.0
HORSEPOWER INPUT TO MOTOR 35.8
PERCENT OF RATED MOTOR LOAD 99
KILOWATT INPUT TO MOTOR 26.7
KILOWATT HOURS PER THOU.GALS 1.8
OVERALL PLANT EFFICIENCY (%) 34.6

----- REMARKS -----
THE OVERALL EFFICIENCY OF THIS PLANT IS CONSIDERED TO BE LOW ASSUMING
RUN NUMBER 1 REPRESENTS THE PLANT'S NORMAL OPERATING CONDITIONS.
DATUM IS CENTER LINE OF DISCHARGE PIPE UNLESS OTHERWISE SPECIFIED.
PUMP COULD NOT BE TURNED OFF. STANDING WATER LEVEL AND YIELD COULD NOT BE
OBTAINED.
ANNUAL USEAGE INCLUDES OTHER MOTORS ON THIS METER

CONSTANT RATE PUMPING .S.
 SITE NO. 10 TEST WELL //
 Between 5 Cities Drive & Hwy 101 near 4th Street
 CITY OF PISMO BEACH
 JANUARY 21, 1986

- o REFERENCE POINT: above ground
- o DEPTH TO STATIC LEVEL: 50.35' below R.P.
- o DISCHARGE MEASURED BY FLOWMETER (start 521270)

TIME SINCE PUMPING STARTED (MINUTES)	DRAWDOWN BELOW STATIC WATER LEVEL (FEET)	DISCHARGE	
		RATE (GAL./MIN.)	TOTALIZER (GALLONS)
1	23.4	100	521370
2	25.9	250	521620
3	27.1	250	521870
4	28.2	240	522110
5	28.9	250	522360
6	29.4	250	522610
7	29.7	250	522860
8	30.0	255	523115
9	30.3	255	523370
10	30.6	250	523620
15	31.5	252	524880
20	32.2	250	526130
25	32.6	250	527380
30	33.1	250	528630
35	33.4	250	529880
40	33.9	250	531130
45	34.1	250	532380
50	34.2	248	533620
55	34.5	250	534870
60	34.6	248	536110
70	35.1	250	538610
80	35.4	247	541080
90	36.0	249	543570
100	36.2	250	546070
110	36.5	249	548560
120	37.0	250	551060
150	37.6	251	558590
180	38.1	251.3	566130
210	38.5	251	573660
240	38.8	250.7	581180
270	39.1	250	588680
300	39.3	250	596180
330	39.5	249.3	603660
360	39.75	249	611130
390	40.0	249.7	618620
420	40.2	250	626130
450	40.4	249	633615
480	40.6	250	641125
540	40.8	250	656145
600	41.0	250	671135
660	41.4	250	686165
720	41.5	250	701170
780	41.6	249	716125
840	41.9	250	731105

CONSTANT RATE PUMPING (continued)
SITE NO. 10 TEST WELL //
Between 5 Cities Drive & Hwy 101 near 4th Street
CITY OF PISMO BEACH
JANUARY 21, 1986

TIME SINCE PUMPING STARTED (MINUTES)	DRAWDOWN BELOW STATIC WATER LEVEL (FEET)	DISCHARGE	
		RATE (GAL./MIN.)	TOTALIZER (GALLONS)
900	42.0	249	746050
960	42.4	250	761070
1020	42.6	251	776130
1080	42.6	250	791150
1140	42.8	250	806170
1200	42.9	250	821185
1260	43.0	251	836225
1320	43.1	250	851225
1380	43.1	250	866225
1440	43.2	249	881188

PUMPING TEST DATA
STEP DRAWDOWN
SITE 10 TEST WELL //
Between 5 Cities Drive and Hwy 101, Near 4th Street
CITY OF PISMO BEACH
January 20, 1986

- o REFERENCE POINT: above ground
- o DEPTH TO STATIC WATER LEVEL: 48.75' below R.P.
- o DISCHARGE MEASURED BY FLOWMETER

TIME SINCE PUMPING STARTED (MINUTES)	DRAWDOWN BELOW STATIC WATER LEVEL (FEET)	DISCHARGE RATE (GALLONS/MINUTE)
1	28.6	230
2	35.6	320
3	38.1	330
4	37.2	330
5	38.6	330
6	39.7	330
7	39.7	328
8	40.0	332
9	40.5	330
10	40.9	330
15	42.6	332
20	43.9	334
25	44.1	334
30	45.3	332
35	45.8	334
40	46.6	338
45	45.5	330
50	46.9	328
55	47.5	334
60	47.5	334
65	47.9	333
70	48.1	332
75	48.2	332
80	48.3	333
85	47.7	324
90	47.6	321
95	49.0	333
100	49.5	328
101	54.0	385
102	55.2	375
103	56.7	390
104	57.6	410
105	59.2	520
106	61.4	500
107	61.7	360
108	61.8	440
109	62.2	490
110	62.2	370
115	62.7	425
120	63.1	427
125	63.7	427

STEP DRAWDOWN
SITE 10 TEST WELL //
Between 5 Cities Drive and Hwy 101, Near 4th Street
CITY OF PISMO BEACH
January 20, 1986

TIME SINCE PUMPING STARTED (MINUTES)	DRAWDOWN BELOW STATIC WATER LEVEL (FEET)	DISCHARGE RATE (GALLONS/MINUTE)
130	64.1	428
135	64.4	428
140	64.6	428
145	64.9	428
150	65.1	427
155	65.2	426
160	65.5	428
165	65.5	426
170	65.8	426
175	66.3	430
180	66.4	430
185	66.5	428
190	66.7	428
195	66.9	430
200	67.1	428
201	83.2	560
202	85.8	590
203	87.1	610
204	87.7	600
205	88.1	590
206	88.4	600
207	88.7	600
208	89.0	590
209	89.2	595
210	89.9	615
215	90.5	598
220	90.7	603
225	91.9	602
230	92.9	602
235	93.1	601
240	93.5	600
245	93.9	602
250	94.2	604
255	94.5	602
260	95.0	602
265	95.4	604
270	95.7	604
275	95.9	604
280	96.1	602
285	96.3	604
290	96.4	604
295	96.6	606
300	96.9	604
302	116.7	765
305	120.9	777
345	132.0	781
350	132.3	770
355	132.3	760
360	132.5	764
382		END OF TEST

PACIFIC GAS AND ELECTRIC COMPANY
*** PUMP TEST REPORT ***

----- CUSTOMER AND FACILITY DATA -----
PLANT LOCATION : ██████████ PG&E PLANT ID.# : 2787
MOTOR MAKE : Unknown H.P. : 20.0 CONTROL# : 5236365-2 SUF. = A
PUMP MAKE : Unknown TYPE : Submersible ACCOUNT# : MBV-58-02921
MAILING ADDRESS : METER# : 59794T
C.G.C. # :
CITY OF PISMO BEACH ENERGY USAGE : 80183 KWH/YR
1000 BELLO ST ENERGY COST : 10.0 CENTS/KWH
PISMO BEACH CA 93449 THOU.GALS/YR : 45703.4

----- TEST RESULTS -----
TEST DATE : 07-21-67 TESTER : DENNIS KUNKEL PHONE : (805)595-6322

RUN NUMBER	1
STANDING WATER LEVEL (FT)	-
DRAWDOWN (FT)	-
PUMPING WATER LEVEL (FT)	93.0
DISCHARGE LEVEL (FT)	145.5
DISCHARGE PRESSURE AT GAUGE (PSI)	63.0
TOTAL LIFT (FT)	238.5
SURVEY LIFT (FT)	-
CUSTOMER WATER FLOW RATE (GPM)	190
WELL YIELD (GPM/FT DRAWDOWN)	-
THOU.GALS PER 24 HOURS	273.6
HORSEPOWER INPUT TO MOTOR	26.8
PERCENT OF RATED MOTOR LOAD	109
KILOWATT INPUT TO MOTOR	20.0
KILOWATT HOURS PER THOU.GALS	1.8
OVERALL PLANT EFFICIENCY (%)	42.5

----- REMARKS -----
THE OVERALL EFFICIENCY OF THIS PLANT IS CONSIDERED TO BE LOW ASSUMING
RUN NUMBER 1 REPRESENTS THE PLANT'S NORMAL OPERATING CONDITIONS.
DATUM IS CENTER LINE OF DISCHARGE PIPE UNLESS OTHERWISE SPECIFIED.
PUMP COULD NOT BE TURNED OFF. STANDING WATER LEVEL AND YIELD COULD NOT BE
OBTAINED.
ANNUAL USAGE INCLUDES OTHER MOTORS ON THIS METER

STEP DRAWDOWN TEST DATA
 SITE NO. 9 TEST WELL
 East of Quality Inn, South of Hwy 101
 December 26, 1985



Reference Point: 1.78' above ground
 Depth to Static Water Level: 14.05' below R.P.
 Discharge measured by 4" O orifice / 6" O pipe, manometer

TIME SINCE PUMPING STARTED (MINUTES:SECONDS)	DRAWDOWN BELOW STATIC WATER LEVEL (FEET)	DISCHARGE RATE (GALLONS/MINUTE)
1:00	25.11	153
2:00	27.05	153
3:09	28.28	153
4:00	29.14	153
5:08	29.76	153
6:04	30.64	153
7:03	31.07	153
9:06	31.74	153
10:03	32.26	153 (increase)
15:02	33.09	153
20:24	33.84	153
30:17	35.21	153
40:27	36.26	153
46:46	36.60	153
51:04	36.89	153
60:07	37.42	
70:14	37.92	153
80:04	38.27	153
90:03	38.52	153
99:05	38.73	153
100:32		250
101:47	53.56	250-
102:46	54.88	250-
104:22	56.19	
105:23	56.78	250
105:59	57.11	250
107:02	57.41	250
108:15	57.82	
109:20	58.02	
110:30	58.31	250
116:06	59.25	
125:54	60.26	250
131:02	60.73	250
136:11	61.26	250
140:52	61.55	250
146:02	61.83	250
155:57	62.33	250
165:47	62.97	250
175:55	63.16	250
185:57	63.71	250
195:55	63.97	250
206:00	64.46	250 (increased to 351)
207:49	75.30	351
208:56	79.98	351

STEP DRAWDOWN TEST DA. (continued)
SITE NO. 9 TEST WELL
East of Quality Inn, South of Hwy 101
December 26, 1985

TIME SINCE PUMPING STARTED (MINUTES:SECONDS)	DRAWDOWN BELOW STATIC WATER LEVEL (FEET)	DISCHARGE RATE (GALLONS/MINUTE)
209:52	80.73	351
210:51	82.73	351
211:41	84.10	351
212:43	84.96	351
213:44	85.75	351
214:49	86.19	351
215:48	86.59	351
216:48	86.91	351
217:50	87.27	351
218:40	87.53	351
223:46	88.72	351
228:45	89.49	351 (top of perms.)
233:50	90.28	351
238:54	90.79	351
244:07	91.61	351
248:51	91.97	351
253:48	92.42	351
258:49	92.93	351
263:57	93.45	351
273:52	94.16	351
283:45	94.99	351
293:47	95.84	351
304:01	96.35	351 air
313:59	97.10	351? air
323:58	97.52	351? air
334:05	97.83	351? air
345:40	100.50	351 air
355:52	100.85	346 air
365:38	100.87	343 air
375:47	101.32	343 air
385:57	101.51	343 air
395:54	101.83	340 air
405:48	101.95	340 air
415:44	102.16	340 air

END OF TEST. RECOVERY NOT MEASURED.

LONG TERM, CONSTANT RATE TEST
 PUMPING TEST DATA
 SITE NO. 9 TEST WELL
 4th Street and Highway 101
 December 30, 1985
 City of Pismo Beach

TIME SINCE PUMPING STARTED (MINUTES:SECONDS)	DRAWDOWN BELOW STATIC WATER LEVEL (FEET)	DISCHARGE	
		RATE (GPM)	TOTALIZER (GALLONS X 10)
1:15	28.08	175	
2:04	29.48		
3:02	30.48		
4:00			218001
4:25	30.98		
5:04	31.28		
6:11	31.92		
7:00	32.29		
8:19	32.71		
9:48	33.28		
10:33		170	218117
11:25	33.70		
14:31	34.63		
20:01	35.47		
20:56		175	218301
25:02	36.32		
30:16	36.83		
31:15			218485
35:44	37.34		
36:47			218581
41:00	37.92	175	
41:53			218672
45:00	38.28	175	
55:00	38.89	175	
65:00	39.71	175	
75:00	39.92	175	219265
85:00	40.22	175	
95:00	40.43	175	
105:00	40.97	175	219793
135:00	41.76	175	220339
165:00	42.67	175	220867
195:00	43.12	175	221394
225:00	43.62	175	221928
255:00	43.69	175	222458
285:00	44.29	175	223006
315:00	44.37	175	223520
345:00	44.99	175	224089
375:00	45.11	175	224635
405:00	45.50	175	225147
435:00	45.53	175	225683
465:00	45.82	175	226219
495:00	46.02	175	226753
525:00	46.13	175	227273
555:00	46.29	175	227811

LONG TERM, CONSTANT RATE TEST (continued)
PUMPING TEST DATA
SITE NO. 9 TEST WELL
4th Street and Highway 101
December 30, 1985
City of Pismo Beach

TIME SINCE PUMPING STARTED (MINUTES:SECONDS)	DRAWDOWN BELOW STATIC WATER LEVEL (FEET)	DISCHARGE	
		RATE (GPM)	TOTALIZER (GALLONS X 10)
615:00	46.30	175	228342
645:00	46.54	175	229421
675:00	46.97	175	229939
705:00	47.04	175	230480
735:00	47.10	175	231050
765:00	47.23	175	231563
795:00	47.38	175	232103
825:00	47.48	175	232613
855:00	47.48	175	233173
885:00	47.48	175	233683
915:00	47.57	175	234214
945:00	47.60	175	234750
975:00	47.60	175	235280
1005:00	47.60	175	235820
1035:00	47.60	175	236344
1065:00	47.63	175	236890
1095:00	47.78	175	237420
1125:00	47.78	175	237950
1155:00	47.82	175	238470
1185:00	47.85	175	238990
1215:00	47.85	175	239518
1245:00	47.85	175	240050
1275:00	47.93	175	240560
1305:00	48.98	175	241100
1335:00	49.17	175	241650
1365:00	49.25	175	242160
1395:00	49.33	175	242704
1413:00	49.33	175	
1415:00		0	243068
		ave. 177	

Coast-to-Coast
Analytical
Services

Coast-to-Coast
Analytical Services
141 Suburban Road, Suite C-4
San Luis Obispo, California 93401
(805) 543-2553

Lab Number: H-0522-1
Collected: 02/08/91
Received: 02/08/91
Tested: 02/08/91
Collected by: Rocky Rogers

ATTN: Rocky Rogers
City of Pismo Beach
P.O. Box 3
Pismo Beach, CA 93448

Sample Description:

Solid Material from
Well #9 Casing

REPORT

CONSTITUENT

METHOD/DATE/ANALYST

Bacteria

SM (17th ed.)9240/02-119/02-21-91/JRH

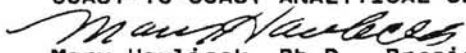
The sample appeared sand-like in general but did contain significant organic material which was separated by mixing in phosphate buffer water. No obvious odor was noted in the raw sample.

The organic fraction was examined microscopically and found to consist of encapsulated bacteria of mixed flora. Spiral, coccoid, and rod shaped cells were observed; some of which resembled iron and sulfur bacteria.

Approximately 20 milliliters (1:10 dilution - in duplicate) were added to enrichment media specific for iron and sulfur bacteria and examined through 16 days. The sample proved positive for iron reducing bacteria and exhibited a strong reaction in one tube for sulfate reducing bacteria (SRB). The second tube (SRB) is marginal and will require additional incubation.

A heterotrophic plate count was performed and aerobic organisms numbered about 150,000 per gram of sample. Pseudomonas aeruginosa and coliform group organisms were not isolated, indicating no recent contamination by warm blooded animals.

02/25/91
H0522-1P.WR1/#4
MH/ke

Respectfully submitted,
COAST-TO-COAST ANALYTICAL SERVICES

Mary Havlicek, Ph.D., President



141 Suburban Road • San Luis Obispo, CA 93401 • (805) 543-2553 FAX (805) 543-2685
 751 S. Kellogg, Suite A • Goleta, CA 93117 • (805) 964-7838 FAX (805) 964-4386
 1885 North Kelly Road • Napa, CA 94558 • (707) 257-7211 FAX (707) 226-1001
 9333 Tech Center Dr., Ste. 800 • Sacramento, CA 95826 • (916) 368-1333 FAX (916) 362-2484
 2400 Cumberland Dr. • Valparaiso, Indiana 46383 • (219) 464-2389 FAX (219) 462-2953

Chain of Custody

Page ____ of ____

• PLEASE PRINT IN PEN

Client	City Pismo Beach		Contact	Rocky Rodgers	Phone #	() ()	FAX #	() ()
Address	1000 Belle St	City	Pismo Beach	State	CA	Zip		
Project Name/Number	Well #9					Project MGR		
Bill (If different than above)								
Sampler	Rocky Rodgers		Due Date		Circle for RUSH	call w/ results	Copies To:	Auth. Init.

Sample Description	Date/Time Coll'd	*Matrix	# of Containers	Pres.	Filt. y/n	Analysis	Remarks	Lab ID
Well #9 Casing	2-8-91 1300					Iron Bact - Sulfur Bact. Plate count. W/W Microtropic		H 0522

Relinquished By	Date/Time	Received By	Relinquished By	Date/Time	Received By
Wm D Tyler					

FOR LAB USE ONLY

Shipping Method	Shipping #	Received By	Date/Time	Condition (See Remarks)		
William Tyler		Chi Tang	2-9-91 1350	Cold Rm temp	Sealed Y	Intact Y
REMARKS _____						

- * Matrix:**
- DW - Drinking Water
 - WW - Wastewater
 - GW - Groundwater
 - SW - Surface Water
 - IM - Impinger
 - FI - Filter
 - FP - Free Product
 - A/G - Air/Gas
 - SL - Sludge/Soil/Solid
 - OT - Other

Copy of document found at www.NoNewWipTax.com

5/6/91 'low rate

Well 10 = ~~270~~ gpm

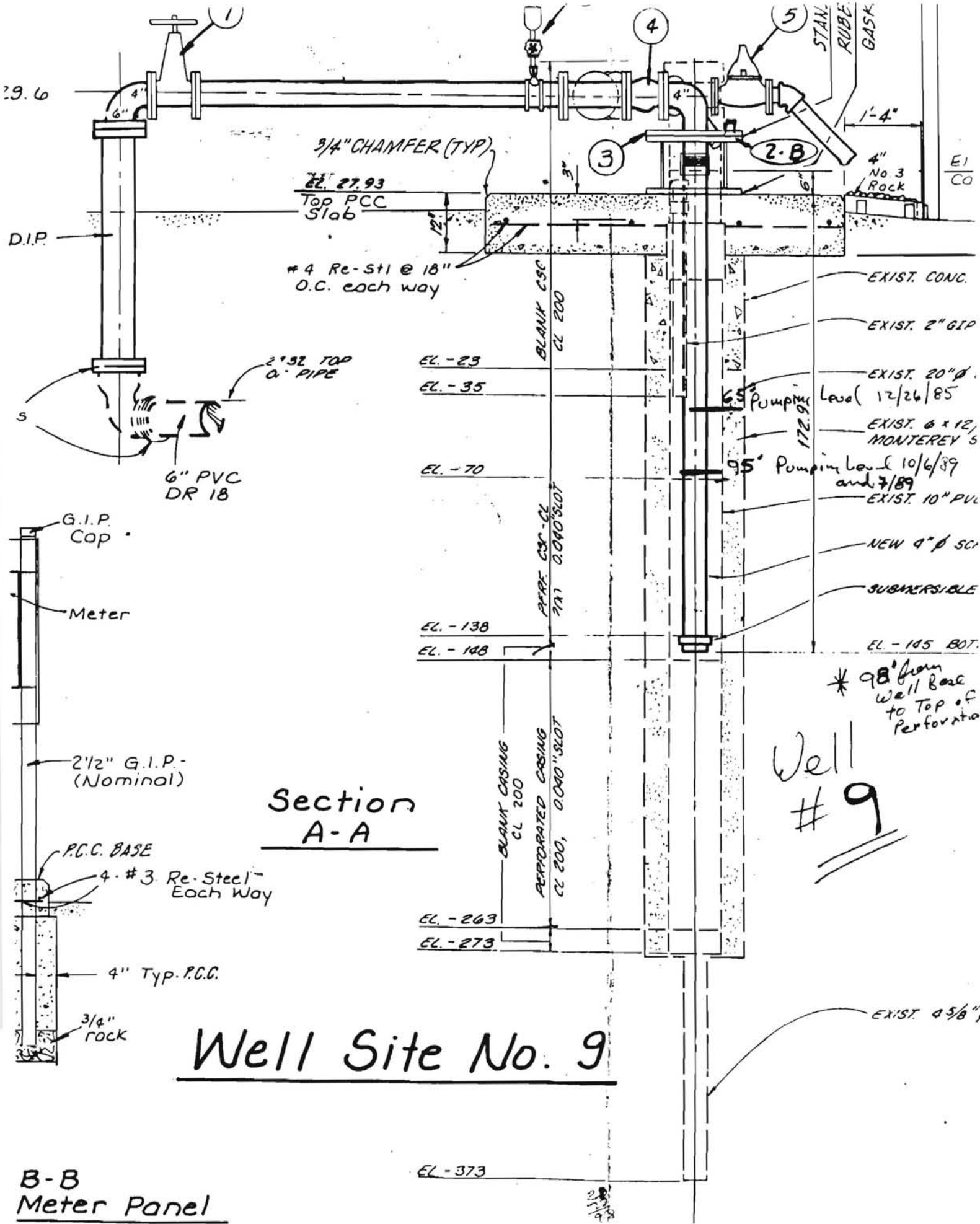
Well 9 = 160 gpm

430 gpm or

693 ac. ft./yr

Flow ~~to~~ rate prior to Jan 1991 (Well 9
swabbed shaft, in 10 replaced two column's of pipe and
replaced pump and motor. (Well eff.
test prior to Jan.
stand pump pullin
10 any ~~extra~~))

Well 10 = 178 gpm
9 = 145 gpm
323 gpm
or 521 ac. ft./yr.



Section A-A

Well Site No. 9

B-B
Meter Panel

WELL READINGS

1000 03
9 05540
10 24540
11 03000

DATE	WELL # 5		WELL # 9		WELL # 10	
	CUBIC FT.	DIFF. gal	GALLONS	DIFF. gal	GALLONS	DIFF. gal
1-1-88	192973 00		252,724		212816	
2-1-88	198374 00	12.25	267,357	4.49	220714	2.42
3-1	208761 00	22.65	362,368	* 29.14	254,589	10.40
4-1	229437 00	48.61	378,322	4.91	305,684	15.68
5-1	253071 00	54.26	394,326	4.91	356,780	15.68
6-1	280595 00	63.18	461,860	20.71	616,000	* 154.75
4-14			362317 00		011672 00	
5-1			394326 00		035678 00	
5-15		429534 00	429534		035671 00	1
6-13			476317 00		106726 00	
6-23			494145 00		131459 00	
					86100 00	13.92
					45359 00	
6-1			WTP P.L.T. MTR		089320,000	

* Not likely

$$\div 43560$$

$$\div (7.48 \times 43560)$$

3258.3

$$\div (7.48 \times 43560)$$

Wells & 2019
 These readings still don't make sense
 NOV 23
 9 20842300 /
 10 45183700
 11 03803800

DATE	WELL # 5		WELL # 9		WELL # 10	
	DIFF	DIFF	DIFF	DIFF	DIFF	DIFF
1-1-88	192973 00		252,724		212,816	
15 2-1-88	19834400	12.45	267,357	4.49	220,714	2.42
3-1	208261 00	22.65	362,368	* 29.14	254,589	10.40
4-1	229437 00	48.61	378,322	4.91	305,684	15.68
5-1	253071 00	54.26	394,326	4.91	356,780	15.68
6-1	280595 00	63.18	461,800	20.71	0861,000	* 154.75
4-14			36231700		01167200	
5-1		1	39432600		03567800	
5-15		42953400	42953400		03567100	!
6-13			47631700		10672600	
6-23			49414500		13145900	
					8610000	13.92
					4535900	
6-1		WTP	Pct	mtk	089320,000	
7-1	30452400					
8-1	32915700					
9-1	35526900					

1/2
 in btw
 assume
 Pct
 08932

* 1.1 1.64
 12500
 ÷ (7.48 x 43560)
 ÷ (7.48 x 43560)



To: Pat Mills

From: [unclear]

Date: 3-16-88

Subject: [unclear]

MEMORANDUM

The State Water Resources Bd will be looking for the February data on sheet #9 & 10 by the 15th of March. Also, I do not have the flow for well #5, 9 & 10 for February.

End of Feb/Jan 1, 1988
 Net#5-192,973.00 gal
 March 1, 1988
 Net#5-208,261.00 gal
 Net#9-252,724.00 gal
 Net#10-212,816.00 gal

These are the figures given to me for Jan. Need the ones for Feb.

MEMORANDUM



To: #5

From: [unclear]

Date: [unclear]

Subject: [unclear]

forced after 155.55 a.c.f. - 24,1986 percent in unit
 all 30% with 32,1586 damp adjusted
 in 9 months. [unclear] [unclear]

1986	85
	85
	34
	33
	33
	23
	23
	81
	80
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	12
	11
	10
	9
	8
	7
	6
	5
	4
	3
	2
	1
	0

old pump = 1887.52 ÷ 13 = 145 a.f.y.

for 9 months cost price in operation 2-2-88

FIELD RECORD

DATE	WELL # 5		WELL # 9		WELL # 10		PLANT METER	
	CUBIC FT.	DIFF.	GALLONS	DIFF.	GALLONS	DIFF.	GALLONS	DIFF.
6-1	28059500		49414500		13145900		097481000	
7-1	30452400		51336700		15787900 17049300		104800000	
3-1	32915700		58438000		80080900 85532900		119748000	
7-1								
0-1								
1-1								
1-1								
1-1								
2-1								
3-1								
4-1								
5-1								
8-1	P. OAKS	T. O.	BELLO	T. O.	V. D. MAR.	T. O.	PAC. PAL.	T. O.
8-1								
7-1	052571000		009548000		1644156700		031782000	
1-1	052751000		012817000		1662263000		038196000	
10-1								
11-1								
12-1								
12-1								
2-1								
2-1								
3-1								
4-1								
5-1								

111

9

9 - 11 5440.00
 11 8444.00
 13-19-87-126791.00
 10-20-81 12959900

 16-22-87 135244.00
 10-23-87 12706480
 24582000

 10/2/87 14582000

10

10 - 13475300
 OFF
 OFF
 OFF
 OFF

DIFF
PRESS

Plant

PLANT 026098.00
 026430.00
 026735.39
 027668.00
 028287000
 028591200

 029536000

OFF
 1 16274300
 2 16557500
 3 16864800
 4 17150300

 6 17716400
 7 18017100
 8 18272900
 9 18601300
 10 18882400
 11 OFF
 12 OFF
 13 18882400
 14 19370100
 15 19639800

OFF
OFF
OFF
OFF

47-49
 50-49
 48-46
 53-51

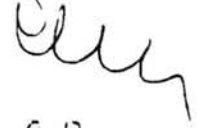
 48-46
 48-47
 47-49
 47-49
 52-50

03140200
 03171500
 03205200
 03236800
 03299200
 03299200
 03332200
 03360100
 03396600
 03427600

OFF 135681

48-50
49-51

03427600
03511200

turning 

22 20593100
 23 20842300
 12-31 25272400

14822300 55-165
 15183700
 21281600

03747900
 03805800

11974800
~~19845300~~
 09748100

58438200 2977
 5132700
 19845300
 0000000
 Mr. & Mrs. dry

10047
 871

6-1-88
 5-1-88
 3-1-88
 2-1-88
 3752060
 3786450
 3806600
 3834390
 3861000

51
~~3786450~~
~~3806600~~
~~3834390~~
~~3861000~~

8-1-88	05537700	58438200 2977
7-1-88	05787400	5132700
6-13-88	010672600	19845300 0000000 Mr. & Mrs. dry
5-16-88	03567400	4941500
5-15-88	03567100	4295340
5-14-88	03567400	4267750
5-12-88	03567400	4213320
5-11-88	03567400	4185110
5-10-88	03567400	4157920
5-9-88	03567400	4136200
5-6-88	03567400	4054980
5-5-88	03567600	4025760
5-4-88	03567600	3998430
5-3-88	03567600	3973390
5-2-88	03567800	3943260
4-29-88	03568000	3861000
4-28-88	03568000	3834390
4-27-88	03568000	3806600
4-26-88	03568000	3786450
4-25-88	03568100	3752060
4-24-88	03568100	3730980
4-23-88	03568100	3700820
4-20-88	03177300	3623280
4-19-88	02852600	
4-15-88	01524600	
4-14-88	01167200	362317
APRIL 5, 88	026593000	36231700

10# 9# 10# 9# 10# 9#
 Readings

TWELL ~ 9# 10#

MEMORANDUM



To: HAL
From: GIL

Date OCT 19, 87
Subject

Water Well Readings For The Month of Sept.

Well No#5 ~ 13.2 ac'

Well No#9 ~ 22.98 ac' - ^{Inlet} 10 PPM. Iron x ^{Outlet} 4.5 PPM. Iron

Well No#10 ~ 30.45 ac'

53.43
13.2
<u>100.34</u>
1,669.7
853.54
<u>1020.51</u>

hydrated

MEMORANDUM



To: Pat
From: Hal

Date 11-5-87
Subject

I need the water produced last month for Well #9, 10, & 5

well # 5 ~~8-31-87~~ 12667100

(Re-start) 9-10-87 13343400 ft³

10-31-87 15108700 ft³

10-19-87 #9 12679100 ✓

10-31-87 16274300 ✓

plant 10-19 026098.000

10-31 031402 000 ✓

HAL

well 10 0.15
OBS - 1.34753 00

5,304,000
3,515,200
1,703,800

WATER PRODUCTION RECORDS

by 7.05.02
→
1.31 23 27
12.31 25 27
14.33

Calendar Year 1988

(All figures shown are in Acre Feet)

MONTH	LOPEZ DAM DELIVERY	ARROYO BASIN (Well #5)	PISMO BASIN (Well #9)(Well #10)	MONTH	WATER YEAR
<div style="font-size: small; margin-bottom: 5px;"> 19 839 400 19 297 300 542,100 213 208,261.00 198,394.00 9867.00 22943700 20826100 2117600 2522100 22918700 2277600 </div>	<div style="font-size: small; margin-bottom: 5px;"> 43500 1.2 297,300 </div>	<div style="font-size: small; margin-bottom: 5px;"> 80539 95.01 499.00 12.46 </div>	<div style="font-size: small; margin-bottom: 5px;"> 40.41 26.8 4.49 7.29 21.85 29.04 7.80 </div>	<div style="font-size: small; margin-bottom: 5px;"> 1382.67 114.56 128.89 167.91 12.02 Feb </div>	<div style="font-size: small; margin-bottom: 5px;"> 1552.67 1497.23 1626.12 1794.03 </div>
January	96.35	12.46	4.49	114.56	1497.23
February	93.35	22.65	7.29	128.89	1626.12
March	89.65	48.61	21.85	167.91	1794.03

362318
267357
949613
3943260
342310
3520242

Water Year Totals _____

1203.09 avail

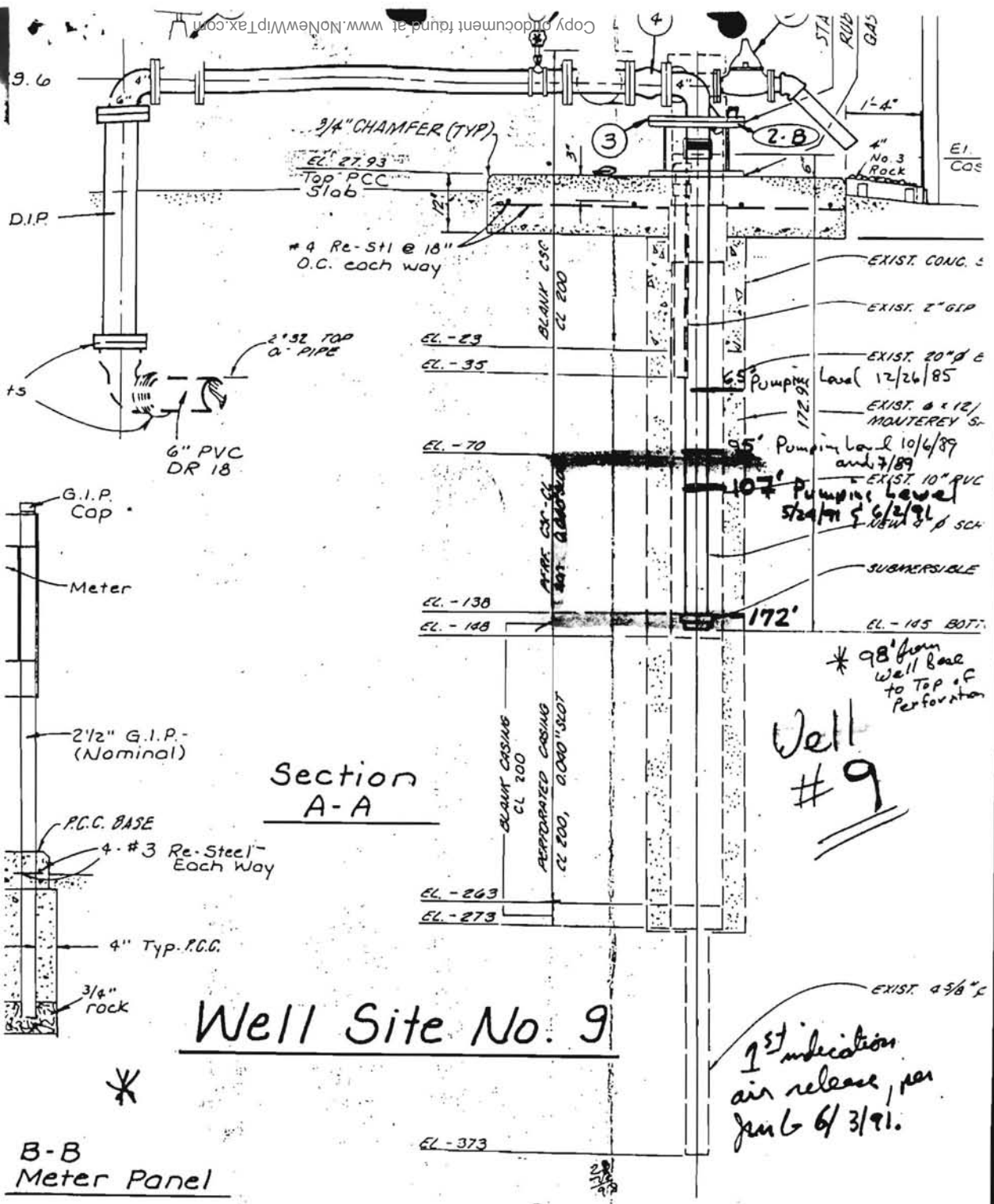
April	86.86	52.29			
May	83.08				
June 21.1%	93.00				
July					
August					
September					
October					
November					
December					

#1.0
2.4
2.1
2.4 581
2.1 16
33875
1777
035676

TOTALS _____

Previous Year Comparisons

	Produced Water	Water Sold
Water Year 19__ - 19__	_____	_____
Water Year 19__ - 19__	_____	_____
Water Year 19__ - 19__	_____	_____
Fiscal Year 19__ - 19__	_____	_____
Fiscal Year 19__ - 19__	_____	_____
Fiscal Year 19__ - 19__	_____	_____
Calendar Year 19__	_____	_____
Calendar Year 19__	_____	_____
Calendar Year 19__	_____	_____



Well Site No. 9

Pls. file
 Well #9

6/3/91
 Jim G. to research
 file on orig. pump test
 to see when air
 encountered!

02 Oct - 90	79'	108'	64'	62'	135'	62'			
19 Oct - 90	99'		64'	64'		62'			
07 Oct - 90	96'		64'	62'		35'			
05 Nov - 90	65'		60'	59'					
09 Nov - 90	64'		59'	59'					
16 Nov - 90	63'		59'	?					
23 Nov - 90	?	The	?	?					
* 01 Dec - 90	97'		59'	61					
10 Dec - 90	63		61	59					
14 Dec - 90	95'	125'	59'	59					
28 Dec - 90	61		59	59					
11 Jan - 91	57'		57'	240'					
18 Jan - 91	56		56'						
25 Jan - 91	95'	133'	55'						
01 Feb - 91	97'	134'	56'						
08 Feb - 91	76'	105	56'						
14 Feb - 91	57'		56'						
22 Feb - 91	55'		56'						
01 Mar - 91	* ?		56'						
08 Mar - 91	64'		55'						
15 Mar - 91	62'		55'						
22 Mar - 91	56'		54'						
29 Mar - 91	53'		53'						
24 May - 91	107'		50'						
01 June - 91	123'		49'						
02 June	112'								
02 June	107'								

02 June
01 June
01 - June - 91
24 - May - 91
29 - Mar - 91
22 - Mar - 91
15 - Mar - 91
08 - Mar - 91
01 - Mar - 91
22 Feb - 91
14 Feb - 91
08 Feb - 91
01 Feb - 91
25 Jan - 91
18 Jan - 91
11 Jan - 91
28 Dec - 90
14 Dec - 90
10 Dec - 90
01 Dec - 90

24'

18'

13'

19'

may not be accurate *

plant off at night

lot off for 25 min

before sounding out of well *

well pump out of access *

well pump out of access

well pump out of access

well pump out of access

well pump out of access

well pump out of access

well pump out of access

well pump out of access

well pump out of access

well pump out of access

well pump out of access

well pump out of access

well pump out of access

well pump out of access

well pump out of access

well pump out of access

well pump out of access

well pump out of access

date	well # 10		well #		** well # 5		** Peaking	
	PWL	SWL	PWL	SWL	PWL	SWL	PWL	SWL
2-Jan-90	92		127	94				
22-Jan-90			127					
01-Feb-90		64				58	239	
09-Feb-90		58		89.5		52		
15-Feb-90	95		122			51		
23-Feb-90	95		122			53		
02-Mar-90	95		119			53		
09-Mar-90	95		122			52		
16-Mar-90	95		129			52		
23-Mar-90	95		129			53		
30-Mar-90	95							
06-Apr-90		65		99		54'		
13-Apr-90	95		128			55		
20-Apr-90	95		128			54		
27-Apr-90	95		134			54		
04-May-90	95		136			56	240'	
11-May-90	95		137			56		
16-May-90	-		137			-		
18-May-90	96		137			57		
25-May-90	95		132.5			58		
1 June-90	99		132			58		
11 June 90	95		132			58		
15 June 90	100		132'			58'		
22 June 90	97'		132'			59'		
29 June 90	95'		133'			59'	239'	
6 July 90	95		132'			59'		
16 July 90	97'		132'			60'		
20 July	96'		132'			60'		
26 July	95'		133'			60'		
03 AUG	96'		131'			59'		
10 AUG	96'		134'			62'		
17 AUG	95'		134'			59		
24 AUG	95'		134'			62'		
31 AUG	95'		134'			59'		

Calendar Year 1972
 (All figures shown are in acre feet)

MONTH	LOPEZ DAM DELIVERY	ARROYO GRANDE BASIN		PISMO BASIN		MONTH	Lopez YEAR					
		(WELL 5)	(WELL 23)	(WELL 9)	(WELL 10)							
	76.77	471.07		207.76	183.09	1592.48						
JAN	75.09	31.97	—	6.14	7.93	121.13	1719.61					
FEB	81.26	30.46	2.3	4.21	5.34	123.57	1843.12					
MAR	48.45	53.76	∅	0.05	∅	102.26	1945.44					
Water Year Totals							941.57	587.26	2.3	217.86	196.36	1945.44
APR	67.66	57.8	6.6	∅	∅	132.06						
MAY		60.0	1.0	22.0	1.43							
JUN												
JUL												
AUG												
SEP												
OCT												
NOV												
DEC												
Calendar yr. TOTALS												

Previous Year Comparisons

		Produced Water	Water Sold
Water Year	19__ - 19__	_____	_____
Water Year	19__ - 19__	_____	_____
Water Year	19__ - 19__	_____	_____
Fiscal Year	19__ - 19__	_____	_____
Fiscal Year	19__ - 19__	_____	_____
Fiscal Year	19__ - 19__	_____	_____
Calendar Year	19__	_____	_____
Calendar Year	19__	_____	_____
Calendar Year	19__	_____	_____

WATER PRODUCTION RECORDS

Calendar Year 1990

(All figures shown are in Acre Feet)

Calendar

MONTH	LOPEZ DAM DELIVERY	ARROYO BASIN (Well #5)	PISMO BASIN (Well #9)	PISMO BASIN (Well #10)	MONTH	CALENDAR YEAR	us	lopez	
January	<u>57.9</u>	<u>26.57</u>	<u>25.28</u>	<u>2287</u>	<u>132.59</u>	<u>132.59</u>	74.89	43.0	
February	<u>56.61</u>	<u>47.40</u>	<u>5.66</u>	<u>9.87</u>	<u>119.54</u>	<u>252.08</u>	62.93	47.5	
March	<u>67.18</u>	<u>36.88</u>	<u>21.57</u>	<u>18.6</u>	<u>144.23</u>	<u>396.31</u>	17.05	7.5	
Water Year Totals							<u>2054.54</u>	1066.87	506.41

April	<u>79.94</u>	<u>41.66</u>	<u>29.47</u>	<u>23.42</u>	<u>174.49</u>	<u>570.8</u>	94.55	45.35	
May	<u>*78.88</u>	<u>47.68</u>	<u>30.27</u>	<u>23.96</u>	<u>180.79</u>	<u>751.59</u>	101.91	43.6	
June	<u>83.81</u>	<u>59.23</u>	<u>30.48</u>	<u>24.75</u>	<u>198.27</u>	<u>249.86</u>	114.46	42.2	
July	<u>95.20</u>	<u>58.51</u>	<u>30.22</u>	<u>25.33</u>	<u>209.26</u>	<u>1159.12</u>	114.06	45.52	
August	<u>92.2</u>	<u>59.22</u>	<u>23.82</u>	<u>22.3</u>	<u>197.54</u>	<u>1356.66</u>	105.34	47%	
September	<u>76.31</u>	<u>51.84</u>	<u>25.89</u>	<u>24.8</u>	<u>178.84</u>	<u>1535.50</u>	102.53	42%	
October	<u>82.37</u>	<u>43.69</u>	<u>20.91</u>	<u>19.42</u>	<u>166.39</u>	<u>1701.89</u>	84.02	50%	
November	<u>71.57</u>	<u>53.8</u>	<u>8.6</u>	<u>9.91</u>	<u>148.88</u>	<u>1850.77</u>	72.31	51.4	
December	<u>71.58</u>	<u>55.44</u>	<u>7.8</u>	<u>9.20</u>	<u>144.02</u>	<u>1994.79</u>	72.44	47%	
CALENDAR YR. TOTALS							<u>918.55</u>	581.92	259.94

* this figure had been recorded as 108.97

Previous Year Comparisons

Water Year	Produced Water	Water Sold
Water Year 19 <u>88</u> - 19 <u>89</u>	<u>1935.62</u>	_____
Water Year 19 <u>87</u> - 19 <u>88</u>	<u>1806.49</u>	_____
Water Year 19 <u>86</u> - 19 <u>87</u>	<u>1618.02</u>	_____
Fiscal Year		
Fiscal Year 19__ - 19__	_____	_____
Fiscal Year 19__ - 19__	_____	_____
Fiscal Year 19__ - 19__	_____	_____
Calendar Year		
Calendar Year 19 <u>87</u>	<u>1699.92</u>	_____
Calendar Year 19 <u>88</u>	<u>1943.50</u>	_____
Calendar Year 19 <u>89</u>	<u>2064.85</u>	_____

~ 1710.61 AF SOLD 1990

- June

(18 N01)

No # 11

(18 P01)

No # 10

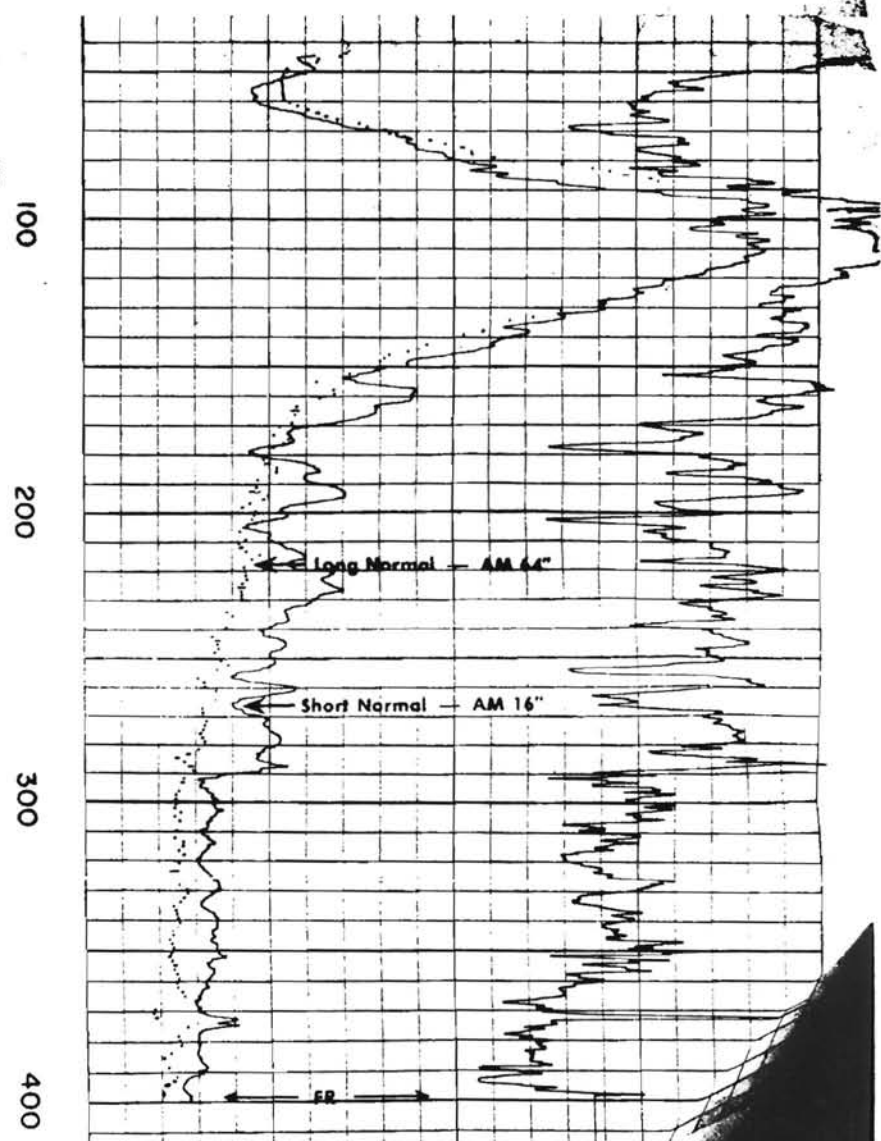
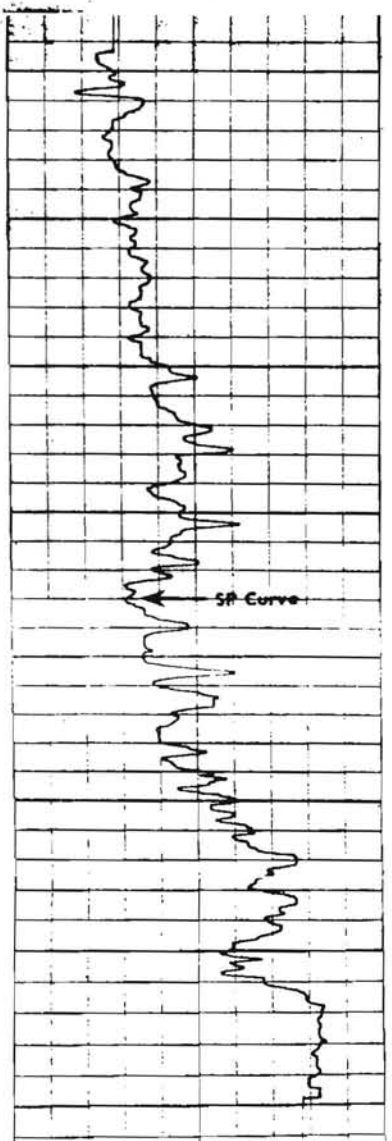
(19 B01)

No # 9 32 North 13000

State to use Numbers

Depth - Driller	2	Type Log	2	Scale Up	100					
Type Fluid in Hole	MWD									
Dens. Visc.	1.10									
ph Fluid Loss	1/2	ml								
Source of Sample	PT									
R _{sp} @ Meas. Temp.	15.0	57 °F	●	'F	Run No.	Tool Type	Equipment Data	Pad Type	Tool Position	Other
R _{sp} @ Meas. Temp.	14.9	58 °F	●	'F	ONE	ELECTRIC LOG				
R _{sp} @ Meas. Temp.	14.1	'F	●	'F						
Source: R _{sp}	1									
R _{sp} @ BHT	14.1	'F	●	'F						
R _{sp} @ BHT	14.1	'F	●	'F						
R _{sp} @ BHT	14.1	'F	●	'F						

SPONTANEOUS POTENTIAL millivolts	Depth	RESISTIVITY ohms. m'/m	RESISTIVITY ohms. m'/m
		SHORT NORMAL 16 Inch	
		0	50
		LONG NORMAL 64 Inch	RESISTANCE Detail Curve
		0	50





WELL ENGINEERING SURVEYS ELECTRIC LOG

FILING NO.			
COMPANY	MYERS BROS. DRILLING		
WELL	SITE #9		
FIELD	4th & I01, PISMO BEACH		
STATE	CALIFORNIA	COUNTY	SAN LUIS OBISPO
LOCATION:			OTHER SERVICES
SEC _____ TWP _____ RGE _____			NONE
Permanent Datum:	G.L.	Elev.	K.B.
Log Measured From	G.L.	Ft. Above Perm. Datum	D.F.
Drilling Measured From	G.L.		G.L.

Date	12-12-85		
Run No.	ONE		
Depth—Driller	400'		
Depth—Logger	399'		
Dr—Log Inter.	398'		
Log Inter.	42'		
Casing—Driller	-		
Casing—Logger	-		
Bit Size	4 3/4"		
Type Fluid in Hole	MUD		
Dens.	Visc.	N/A	
pH	Fluid Loss	ml	ml
Source of Sample	PIT		
R _m @ Meas. Temp.	15.6 @ 58 °F		
R _{at} @ Meas. Temp.	14.9 @ 61 °F		
R _{ac} @ Meas. Temp.	N/A @ °F		
Source: R _m R _{at} R _{ac}	M		
R _m @ BHT	N/A @ °F		
Time Since Circ.	1 HOUR		
Max. Rec. Temp.	N/A		
Temp. Location	CUBE	BFL	
Recorded By	D. J. CRATC		

This Heading and Log Conform To API RP 31

Id Here

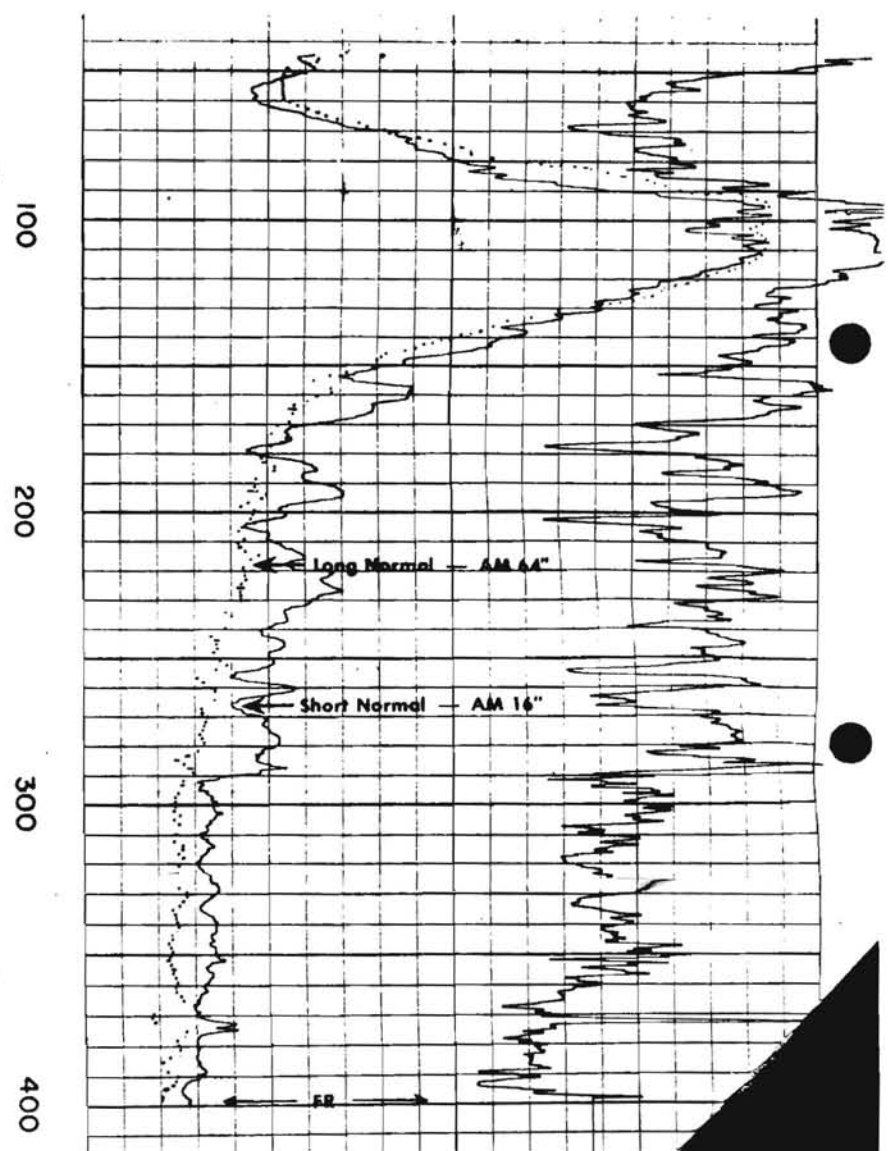
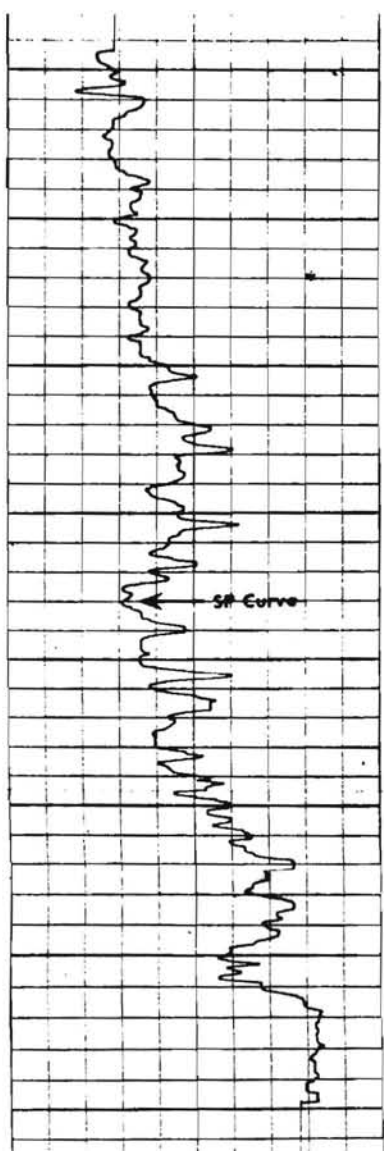
MARKS

Sample No.	12-12-85	TWO	Scale Changes		Type Log	Depth	Scale Up Hole	Scale Down Hole
			Scale Up Hole	Scale Down Hole				
h—Driller	400'							
Fluid in Hole	MUD							
Visc.	N/A							
Fluid Loss	N/A	ml						
Source of Sample	PIT							
R _m @ Meas. Temp.	15.0 @ 59 °F							
R _{at} @ Meas. Temp.	14.9 @ 58 °F							
R _{ac} @ Meas. Temp.	N/A @ °F							
Source: R _m R _{at} R _{ac}	M							
R _m @ BHT	N/A @ °F							
R _{at} @ BHT	N/A @ °F							
R _{ac} @ BHT	N/A @ °F							

SPONTANEOUS POTENTIAL millivolts	RESISTIVITY ohms. m ² /m	RESISTIVITY ohms. m ² /m
Depths		

Well Name		MD		Type Log	Depth	Scale Up Hole		Scale Down Hole	
Depth-Driller	112-1	400'							
Type Fluid in Hole	MUD								
Dens.	Visc.	N/A							
ph	Fluid Loss	N/A ml							
Source of Sample		PLT							
R _m @ Meas. Temp.	15.0	@	59	'F	@	'F	Run No.	Tool Type	Equipment Data
R _m @ Meas. Temp.	14.9	@	58	'F	@	'F	ONE	ELECTRIC LOG	FREE
R _m @ Meas. Temp.	N/A	@		'F	@	'F			
Source: R _m R _m	M								
R _m @ BHT	N/A @ 'F @ 'F								
R _m @ BHT	N/A @ 'F @ 'F								
R _m @ BHT	N/A @ 'F @ 'F								

SPONTANEOUS POTENTIAL millivolts	Depth	RESISTIVITY ohms. m ² /m	RESISTIVITY ohms. m ² /m
<p style="text-align: center;">5</p> <p style="text-align: center;">- ← → +</p>		SHORT NORMAL 16 Inch	50
		LONG NORMAL 64 Inch	50
			RESISTANCE Detail Curve





**WELL ENGINEERING SURVEYS
ELECTRIC LOG**

FILING NO	COMPANY <u>MYERS BROS. DRILLING</u>
	WELL <u>SITE #9</u>
	FIELD <u>4th & 101, PISMO BEACH</u>
	STATE <u>CALIFORNIA</u> COUNTY <u>SAN LUIS OBISPO</u>
LOCATION:	OTHER SERVICES
SEC. _____ TWP. _____ RGE. _____	NONE

Permanent Datum: <u>G.L.</u> , Elev. _____	Elev.: <u>K.B.</u>
Log Measured From <u>G.L.</u> , Ft. Above Perm. Datum _____	D.F. _____
Drilling Measured From <u>G.L.</u>	G.L. _____

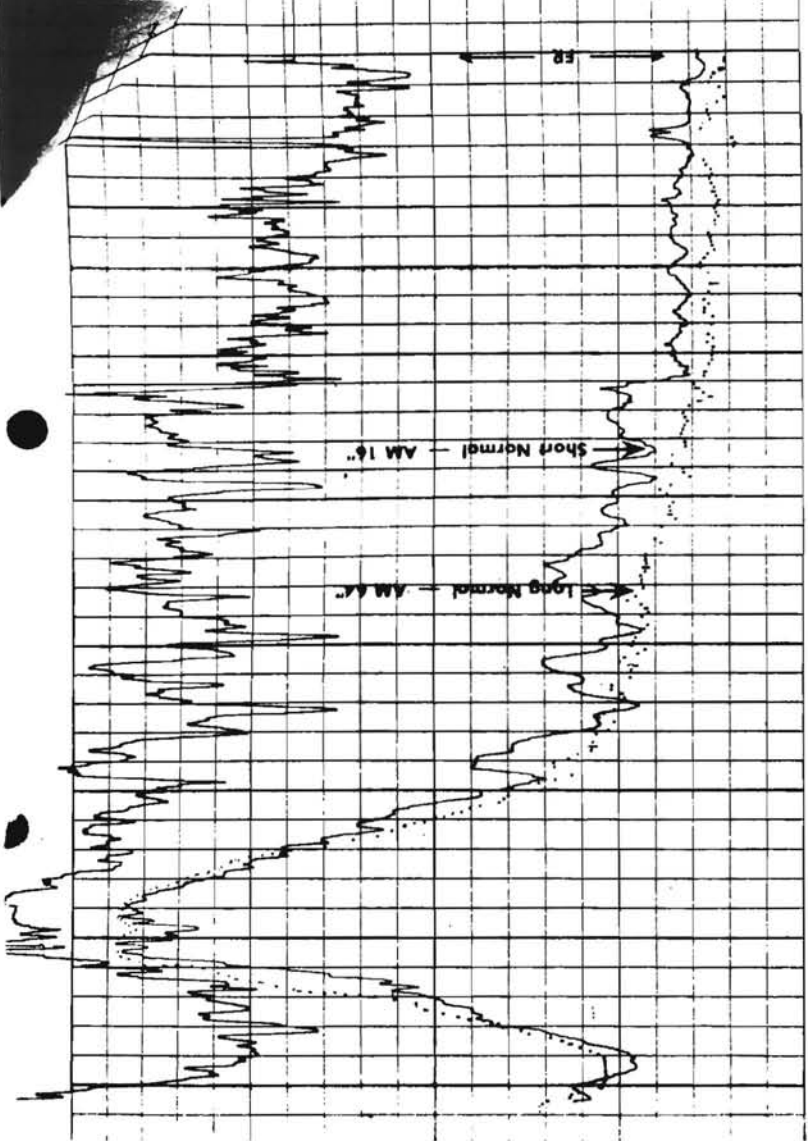
Date	12-12-85				
Run No.	ONE				
Depth—Driller	400'				
Depth—Logger	399'				
Bot. Log Inter.	398'				
Top Log Inter.	42'				
Casing—Driller	-				
Casing—Logger	-				
Bit Size	4 3/4"				
Type Fluid in Hole	MUD				
Dens.	Visc.	N/A			
pH	Fluid Loss	N/A	ml	ml	ml
Source of Sample	PIT				
R ₁ @ Meas. Temp.	15.6 @ 58 °F				
R ₂ @ Meas. Temp.	14.9 @ 61 °F				
R ₃ @ Meas. Temp.	N/A @ °F				
Source: R ₁ R ₂	M				
R ₁ @ BHT	N/A @ °F				
Time Since Circ.	1 HOUR				
Max. Rec. Temp.	N/A °F				
Equip. Location	CUBE BFL				
Recorded By	D.L. CRATC				

Old Here This Heading and Log Conform To API RP 31

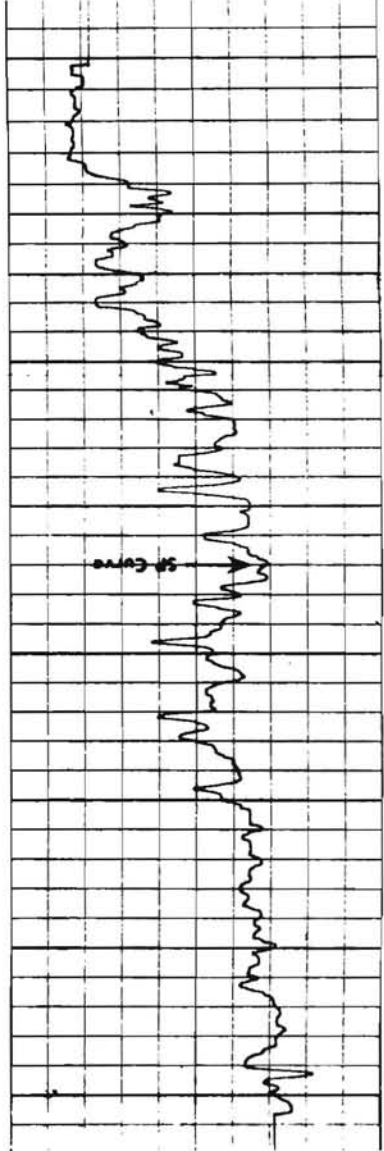
Remarks	Scale Changes		Depth	Type Log	Equipment Data		
	Scale Up Hole	Scale Down Hole			Run No.	Tool Type	Pad Type
Changes in Mud Type or Additional Samples							
Sample No.	12-12	TWO					
th—Driller	400'						
e Fluid in Hole	MUD						
ens. Visc.	N/A						
h Fluid Loss	N/A	ml					
Source of Sample	PIT						
R ₁ @ Meas. Temp.	15.0 @ 59 °F						
R ₂ @ Meas. Temp.	14.9 @ 58 °F						
R ₃ @ Meas. Temp.	N/A @ °F						
Source: R ₁ R ₂	M						
R ₁ @ BHT	N/A @ °F						
R ₂ @ BHT	N/A @ °F						
R ₃ @ BHT	N/A @ °F						

SPONTANEOUS POTENTIAL millivolts	RESISTIVITY ohms. m ² /m	RESISTIVITY ohms. m ² /m
-------------------------------------	--	--

Copy of document found at: www.nondeposit.com



400
300
200
100



RESISTANCE		RESISTIVITY		SPONTANEOUS POTENTIAL millivolts	5 - +
50	64 Inch	50	16 Inch		
Detail Curve		LONG NORMAL		Depths	
		SHORT NORMAL			
ohms. m ² /m		ohms. m ² /m			

Run No.	Tool Type	Tool Position	Equipment Data
09	ELCTRIC LOG	FREE	Other
10	ONE		
11			
12			
13			
14			
15			
16			
17			
18			
19			
20			
21			
22			
23			
24			
25			
26			
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50			

STATE OF CALIFORNIA }
County of San Luis Obispo } ss.

I, Gwen Marshall, County Clerk and ex-officio Clerk of the Board of Supervisors, in and for the County of San Luis Obispo, State of California, do hereby certify the foregoing to be a full, true and correct copy of an order made by the Board of Supervisors, as the same appears spread upon their minute book.

WITNESS my hand and the seal of said Board of Supervisors, affixed this 31st day of August, 1936.



Gwen Marshall
County Clerk and Ex-officio Clerk of the
Board of Supervisors

By Agness M. Mitchell, Deputy Clerk.

RECORDED AT REQUEST OF Gwen Marshall, Co. Clk. SEP 3 1936 at 40 min. past 3 o'clock P.M.

W.L.Ramage, County Recorder

VG

5040

IN BOARD OF SUPERVISORS
County of San Luis Obispo, State of California

Monday August 31st, 1936.

PRESENT: Supervisors Claude Arnold, A.A. Erhart, Alfred L. Ferrini, Henry Twisselmann and Chairman John Norton.

ABSENT: NONE

In the Matter of Abandonment of Portion of Main Street, Town of Pismo Beach, in Road District No. 4 (Road No. 164):

This being the time set for the hearing on petition for the abandonment of that portion of Main Street lying westerly of a line drawn one foot easterly of a line drawn from the westerly corner of Lot Forty-two (42), in Block Seventeen (17) of the Town of Pismo Beach, and the southerly corner of Lot Twenty-three (23), in Block Eighteen (18) of said Town, and it appearing from the Affidavits of Publication and Posting that the Notice of Proposed Abandonment has been published and posted as by law and the order of this Board required, now on motion of Supervisor Erhart, seconded by Supervisor Twisselmann, the full Board being present and voting therefor, it is ordered that a portion of Main Street, Town of Pismo Beach, in Road District No. 4 (Road No. 164) as above described, be, and it hereby is, abandoned, and the Clerk is instructed to forward a certified copy of this order of Abandonment to the County Recorder, as provided in Section 2698 of the Political Code.

STATE OF CALIFORNIA, }
County of San Luis Obispo } ss.

I, Gwen Marshall, County Clerk and ex-officio Clerk of the Board of Supervisors, in and for the County of San Luis Obispo, State of California, do hereby certify the foregoing to be a full, true and correct copy of an order made by the Board of Supervisors, as the same appears spread upon their minute book.

WITNESS my hand and the seal of said Board of Supervisors, affixed this 31st day of August, 1936.



Gwen Marshall
County Clerk and Ex-officio Clerk of the
Board of Supervisors

By Agness M. Mitchell, Deputy Clerk.

RECORDED AT REQUEST OF Gwen Marshall, Co. Clk. SEP 3 1936 at 40 min. past 3 o'clock P.M.

W.L.Ramage, County Recorder

VG

VOJ
2002

GP
19

STA File 88-085

TICOR 162833

THE FORM OF POLICY OF TITLE INSURANCE CONTEMPLATED BY THIS REPORT IS:

CLTA STANDARD COVERAGE POLICY - 1973

NOTE: THE CALIFORNIA LAND TITLE ASSOCIATION STANDARD COVERAGE POLICY - 1973 FORM HAS BEEN REVISED AS TO PARAGRAPHS 5, 7 AND 9 OF PART I OF SCHEDULE B. PLEASE READ THE REVISED VERSIONS OF SAID PARAGRAPHS IN EITHER (1) THE PRINTED POLICY EXCLUSIONS SHOWN IN THIS REPORT, OR (2) A COPY OF THE CALIFORNIA LAND TITLE ASSOCIATION STANDARD COVERAGE POLICY - 1973 (AMENDED 12-6-85 AND 2-20-86) FORM WHICH WILL BE PROVIDED TO YOU UPON REQUEST

THE ESTATE OR INTEREST IN THE LAND HEREINAFTER DESCRIBED OR REFERRED TO COVERED BY THIS REPORT IS A FEE.

TITLE TO SAID ESTATE OR INTEREST AT THE DATE HEREOF IS VESTED IN:

EARLE C. STREBE AND GESKA RAYE WHITE,
TRUSTEES OF THE ZADDIE R. BUNKER TRUST DATED JULY 18, 1969

AT THE DATE HEREOF EXCEPTIONS TO COVERAGE IN ADDITION TO THE PRINTED EXCEPTIONS AND EXCLUSIONS CONTAINED IN SAID POLICY FORM WOULD BE AS FOLLOWS:

1. FOR TAXES, BONDS AND ASSESSMENTS, CURRENT OR DELINQUENT, SEE EXHIBIT "I" ATTACHED.

2. AN EASEMENT AFFECTING ALL OF SAID LAND FOR THE PURPOSES STATED HEREIN, AND INCIDENTAL PURPOSES

IN FAVOR OF : COUNTY OF SAN LUIS OBISPO
FOR : PUBLIC OR PRIVATE STREETS OR HIGHWAYS
RECORDED : IN BOOK 102, PAGE 81 OF DEEDS

AND RECORDED : IN BOOK , PAGE 314 OF OFFICIAL RECORDS.

AND RECORDED : IN BOOK 55, PAGE 84 OF OFFICIAL RECORDS.

JULY 27 1928

NO REPRESENTATION IS MADE AS TO THE PRESENT OWNERSHIP OF SAID EASEMENT.

ROAD No. 6 200 O.R. 196
SEPT 3. 36

3. AN EASEMENT AFFECTING ALL OF SAID LAND FOR THE PURPOSES STATED
HEREIN, AND INCIDENTAL PURPOSES
IN FAVOR OF : STATE OF CALIFORNIA
FOR : INGRESS AND EGRESS
RECORDED : MAY 19, 1960 AS INSTRUMENT NO. 11085

NO REPRESENTATION IS MADE AS TO THE PRESENT OWNERSHIP OF SAID EASE-
MENT.

4. MATTERS AS DISCLOSED BY A RECORD OF SURVEY FILED JANUARY 6, 1975
IN BOOK 21, PAGE 57 OF RECORD OF SURVEYS, IN THE OFFICE OF THE COUNTY
RECORDER OF SAID COUNTY.

5. PRIVATE EASEMENTS FOR INGRESS AND EGRESS IN FAVOR OF THE OWNERS
OF OTHER LOTS IN SAID RANCHOS EL PISMO AND SAN MIGUELITO RECORDED IN
BOOK A, PAGE 84 OF MAPS, SUCH EASEMENTS HAVING BEEN ACQUIRED UNDER
CONVEYANCES OF LOTS BY REFERENCE TO SAID MAP.

SAID MATTER AFFECTS : ARROYO GRANDE ROAD, VACATED

DESCRIPTION:

THE LAND REFERRED TO IN THIS REPORT IS SITUATED IN THE STATE OF
CALIFORNIA, COUNTY OF SAN LUIS OBISPO, AND IS DESCRIBED AS FOLLOWS:

ATTACHED HERETO

NOTE 1:

IN THE EVENT OF CANCELLATION, A CHARGE OF \$250.00 WILL BE MADE AS
REQUIRED BY SECTION 12404 OF THE CALIFORNIA INSURANCE CODE.

NOTE 2:

TITLE OF THE VESTEE HEREIN WAS ACQUIRED BY DEED RECORDED PRIOR TO SIX
MONTHS FROM THE DATE HEREOF.

AM:JP
6/7/88

DESCRIPTION

PARCEL 1:

THAT PART OF LOT 11 OF THE SUBDIVISIONS OF A PART OF THE RANCHOS EL PISMO AND SAN MIGUELITO, IN THE CITY OF GROVER CITY, COUNTY OF SAN LUIS OBISPO, STATE OF CALIFORNIA, AS SAID LOT IS DELINEATED ON THE MAP RECORDED APRIL 30, 1886 IN THE OFFICE OF THE COUNTY RECORDER OF SAID COUNTY, LYING SOUTHERLY OF THE SOUTHERLY LINE OF THAT CERTAIN RIGHT OF WAY FOR HIGHWAY PURPOSES CONVEYED TO THE STATE OF CALIFORNIA, BY DEED RECORDED SEPTEMBER 21, 1928 IN VOLUME 55 OF OFFICIAL RECORDS, AT PAGE 84, RECORDS OF SAID COUNTY, AND THAT PORTION OF ARROYO GRANDE ROAD, VACATED, WHICH WOULD PASS BY A CONVEYANCE, UNDER SECTION 1112 OF THE CIVIL CODE OF THE STATE OF CALIFORNIA.

(END OF DESCRIPTION)

G.O. 2930 P0390
12-24-86

EXHIBIT "I"

1. GENERAL AND SPECIAL COUNTY TAXES AND CITY TAXES FOR THE FISCAL YEAR 1988-1989, A LIEN NOT YET PAYABLE.

2. GENERAL AND SPECIAL COUNTY TAXES AND CITY TAXES FOR THE FISCAL YEAR 1987-1988, INCLUDING PERSONAL PROPERTY TAX, IF ANY,

TOTAL AMOUNT	:	\$5,174.56 - ALL PAID
FIRST INSTALLMENT	:	\$2,587.28
PERSONAL PROPERTY OF	:	NONE
IN THE AMOUNT OF	:	NONE
SECOND INSTALLMENT	:	\$2,587.28

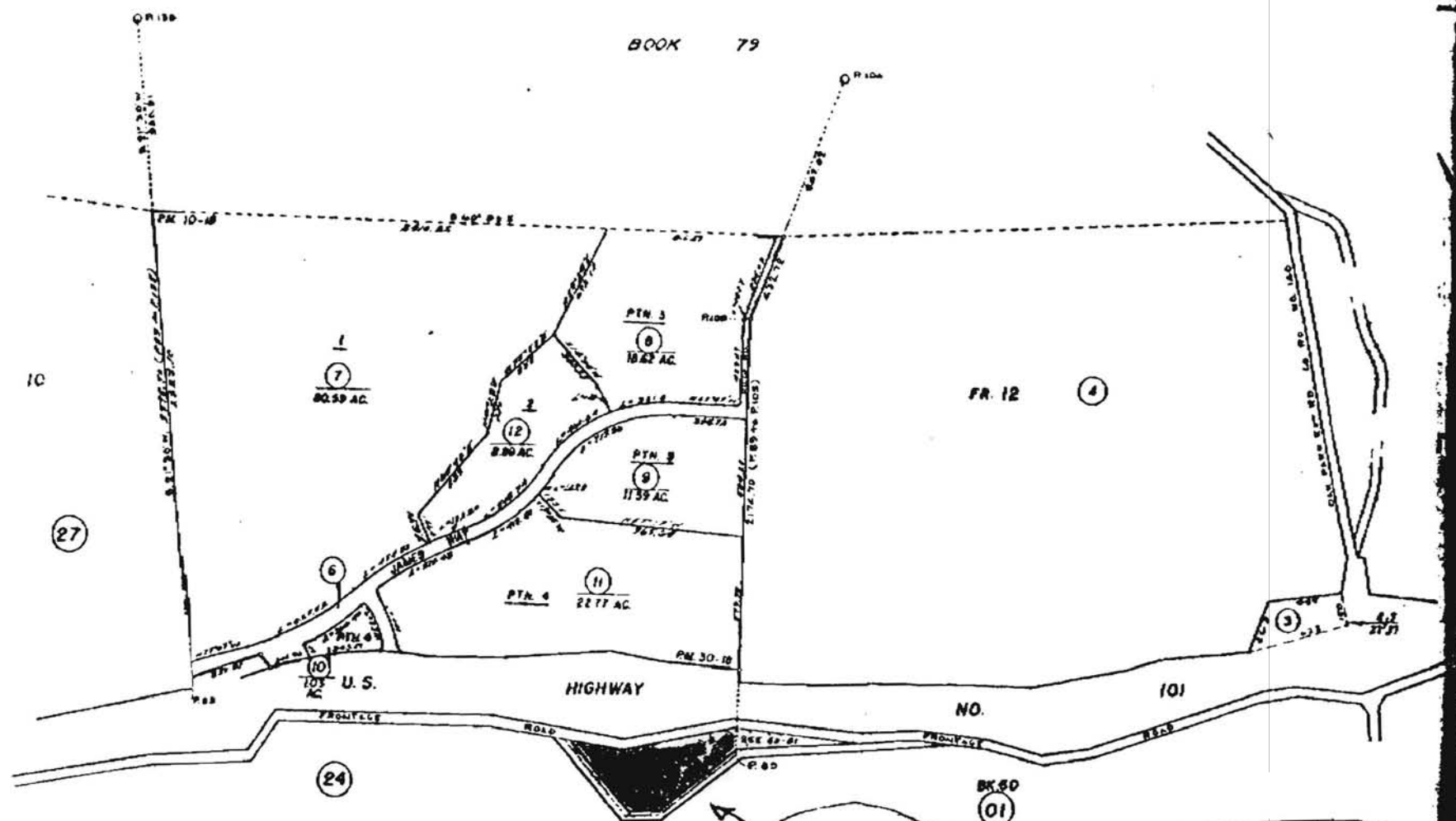
CODE AREA	:	005-013
PARCEL NO.	:	60-011-36-000

TOGETHER WITH SUCH ADDITIONAL AMOUNTS WHICH MAY BE ASSESSED BY REASON OF:

- (A) IMPROVEMENTS ADDED SUBSEQUENT TO MARCH 1, 1975;
- (B) CHANGES OF OWNERSHIP OCCURRING SUBSEQUENT TO MARCH 1, 1975;
- (C) ANY FINAL JUDGMENT DETERMINING THAT CONSTITUTIONAL ARTICLE XIII A HAS BEEN APPLIED IMPROPERLY;
- (D) REAPPRAISAL OF PROPERTY VALUES AS OF MARCH 1, 1975.

3. THE LIEN OF SUPPLEMENTAL TAXES, IF ANY, ASSESSED PURSUANT TO THE PROVISIONS OF CHAPTER 3.5 (COMMENCING WITH SECTION 75) OF THE REVENUE AND TAXATION CODE OF THE STATE OF CALIFORNIA.

BOOK 79



Note: says "For this area see Map 60-01"

REF. "OAK PARK HEIGHTS ANNEXATION"

REV 3/76 B.

NOTE—ASSESSOR'S BLOCK & LOT NUMBERS SHOW IN CIRCLES

RANCHO EL PISMO
CITY OF PISMO BE
SAN LUIS OBISPO CO
CALIFORNIA

THIS MAP IS FOR YOUR AID IN LOCATING LAND WITH REFERENCE TO STREETS AND OTHER PARCELS. THE COMPANY ASSUMES NO LIABILITY BY REASON OF RELIANCE THEREON.

TICOR TITLE INSURANCE COMPANY OF CALIFORNIA

SURVEY DATA:

The books of bearings for this survey will, taken from the
777 1/2 NORTH 101ST AVENUE, CHAS. STREET, ALTON
101. NORTH 100-500' - 100-500' - 100-500' - 100-500'

Indicated found monuments on record
Indicated by dot and topped with 1000

SURVEYOR'S CERTIFICATE

This map correctly represents a survey made by me or
under my supervision in accordance with the laws of the
State of Missouri.



CO. SURVEYOR GENERAL

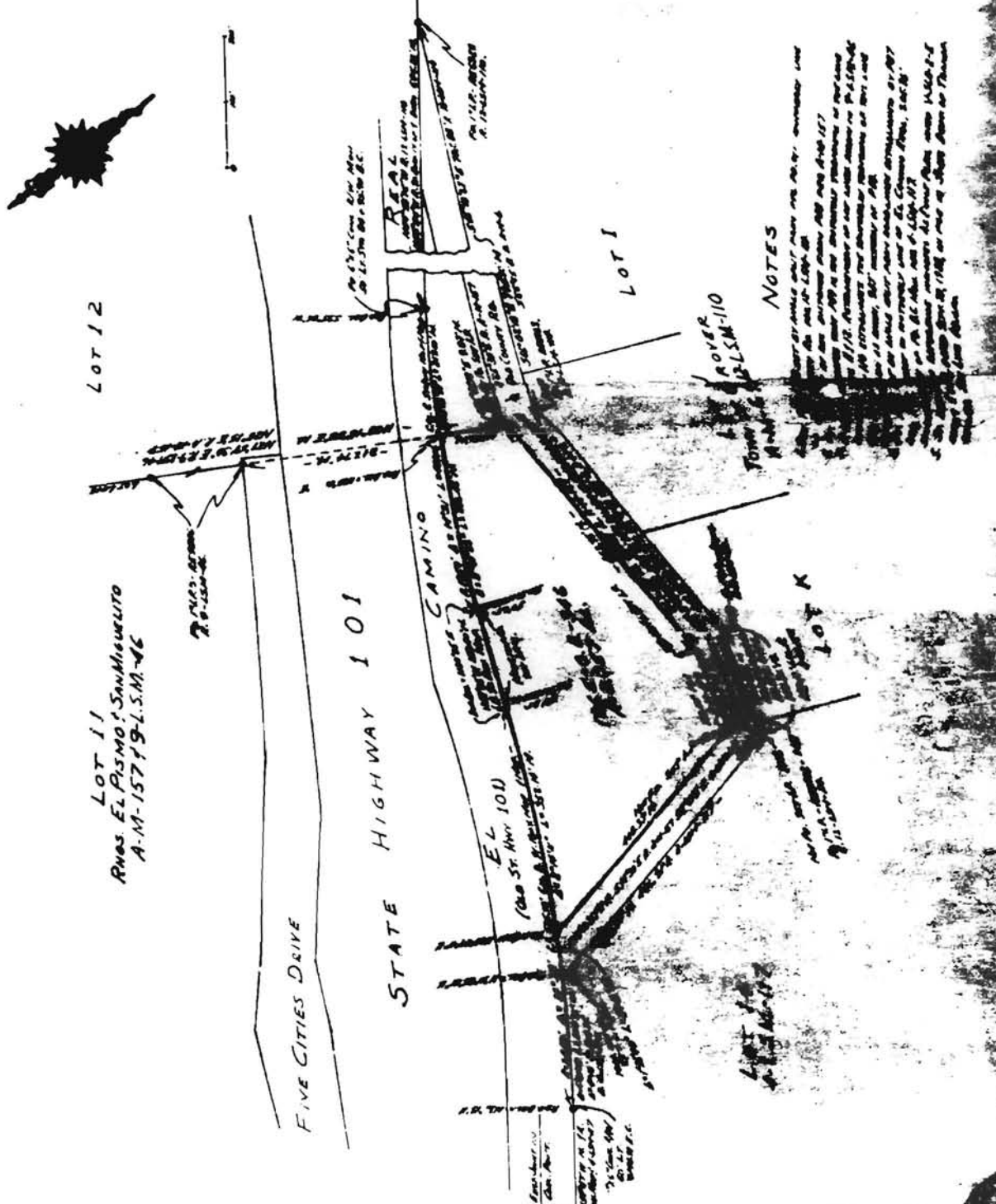
This map has been prepared in accordance with the
laws of the State of Missouri.

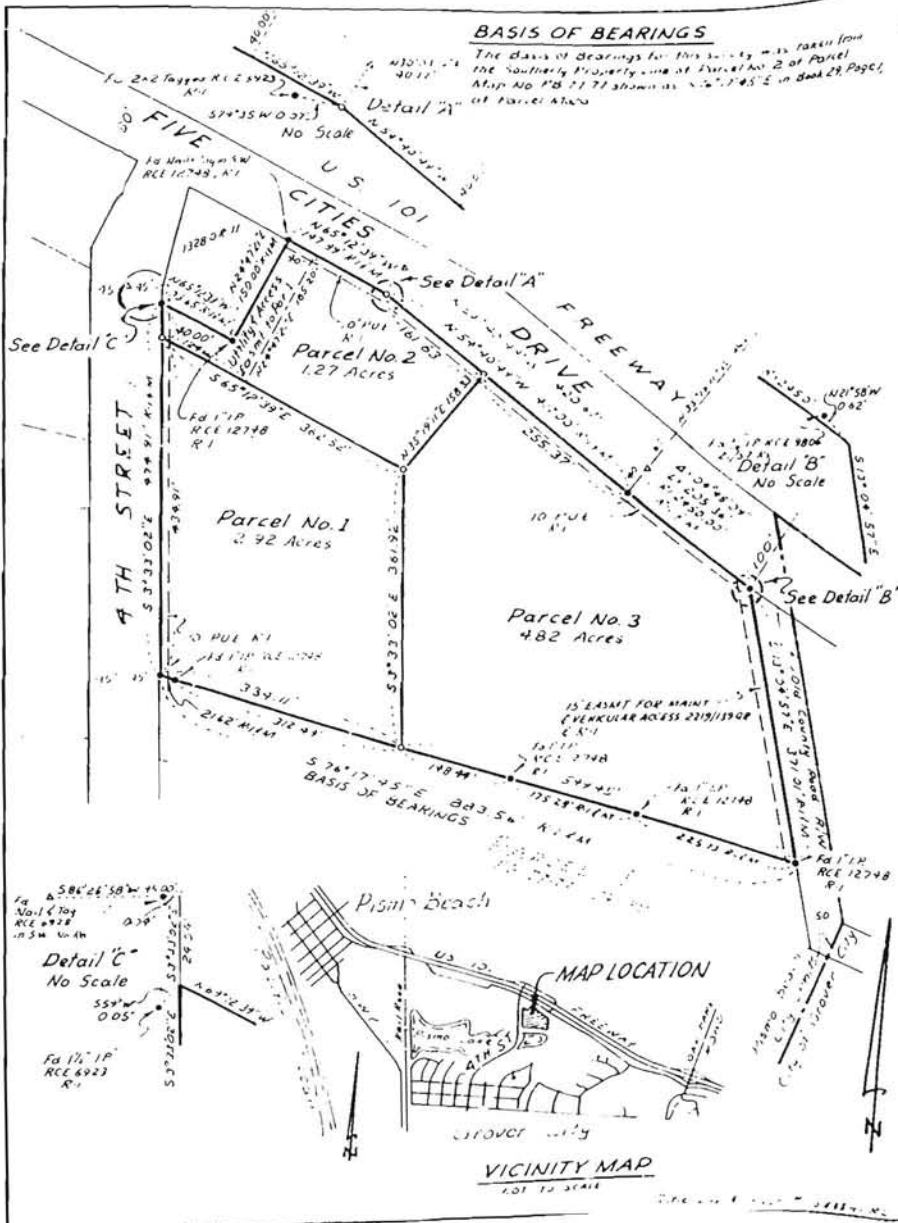
RECORD

Book
Page
City
County
State

NOTES

Notes regarding the survey and any other relevant information.





BASIS OF BEARINGS

The Basis of Bearings for this survey is taken from the Southern Property Line of Parcel No. 2 of Parcel Map No. PB 77-77 shown as S 76° 17' 45" E in Book 29, Page 1 of Parcel Map.

OWNER'S CERTIFICATE

We, the undersigned, hereby certify that we are the owners of or have a record title interest in the land included within the designated border lines; and we hereby consent to the preparation and recordation of this map. We also reserve to ourselves, our heirs, and assigns certain utility and access easements for the use and benefit of the present or future owners of the lots affected by such easements as delineated on said map.

TIERRACCO, A PARTNERSHIP

Ronald L. Benzer
Ronald L. Benzer
Partner

Harrison Raynier
Harrison Raynier
Partner

Donald G. Parker
Donald G. Parker
Partner

State of California
County of San Luis Obispo } ss
On this 11th day of Aug, 1980, before me, the undersigned, a Notary Public in and for said State, personally appeared Ronald L. Benzer, Harrison Raynier, and Donald G. Parker known to me to be the partners of the partnership that executed the within instrument and acknowledged to me that such partnership executed the same.

LEGEND

- Exterior boundary of original parcel
- Interior lot lines
- Monuments found as noted
- o Set 1" Pins, tagged ACE 12748
- △ Brass cap stamps RCE 12748 set in Monument Mark
- R/I Book 29, Page 1, Parcel Maps

ENGINEER'S CERTIFICATE

This map was prepared by me or under my direction and is based upon a field survey in conformance with the requirements of the Subdivision Map Act and local ordinance at the request of Tieracco, Inc. in June, 1980. I hereby state that this partition substantially conforms to the approved or conditionally approved tentative map, if any.

S. L. Taylor
S. L. Taylor
RCE 12748

CITY ENGINEER'S CERTIFICATE

This map conforms with the requirements of the Subdivision Map Act and local ordinance Dated Aug 28, 1980

Lang's Nelson
City Engineer
RCE 12748

COMMUNITY DEVELOPMENT DIRECTOR

I hereby certify that this map of Parcel Map No. PB-78-270 substantially conforms to the tentative map thereof approved by the Planning Commission of the City of Pismo Beach, State of California. Date 8/28/80

Community Development Director

RECORDER'S CERTIFICATE

Filed this 2nd day of September, 1980, at 5:00 P.M. in Book 29 of Parcel Maps of Page 77 at the request of S. L. Taylor Fee paid 35.00 Document No. 19255

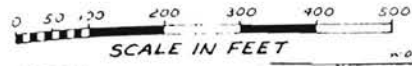
County Recorder - by *[Signature]* Deputy

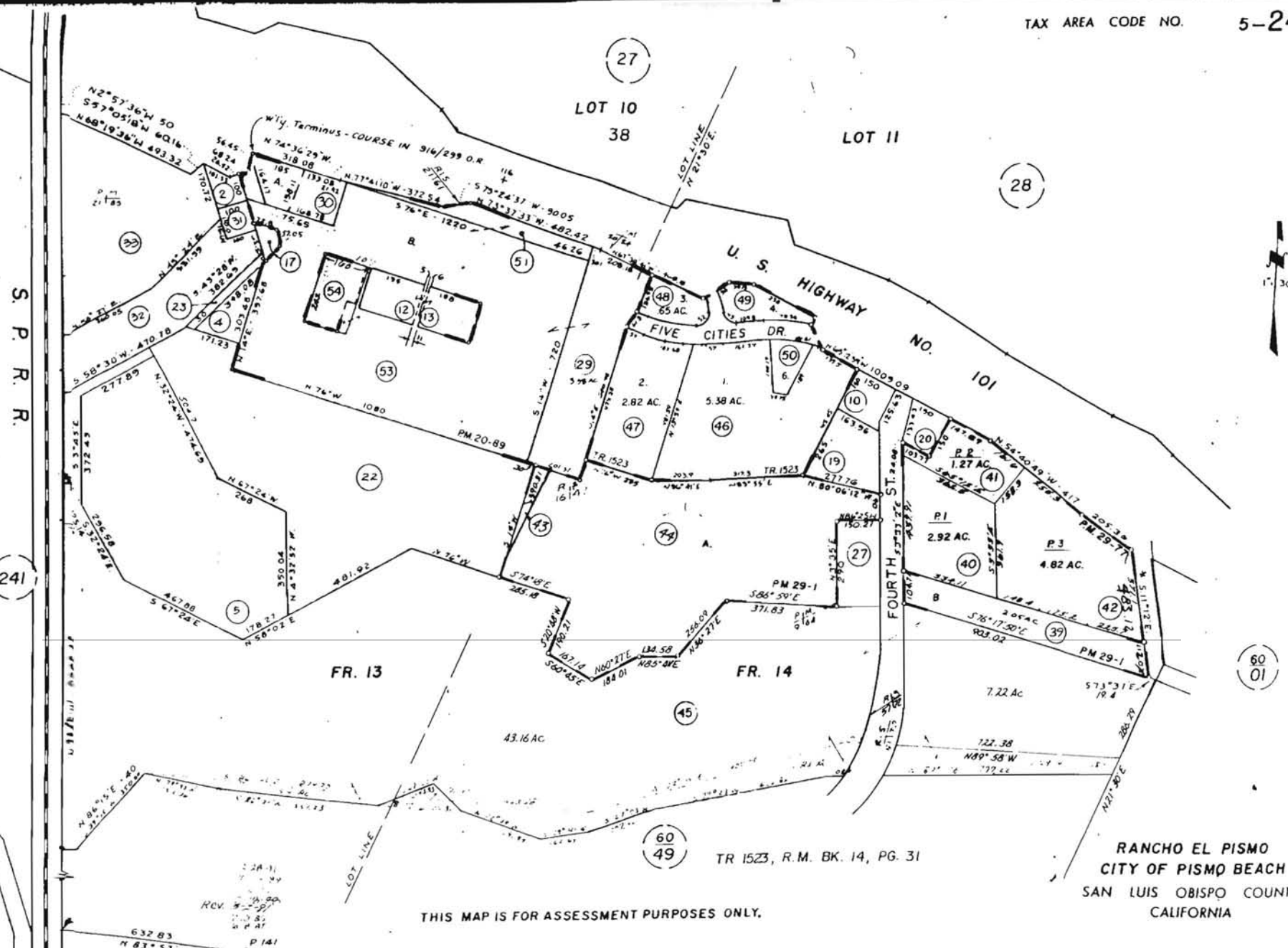
PARCEL MAP NO. PB-78-270

THE DIVISION OF PARCEL NO. 2 OF PARCEL MAP NO. PB 77-77 (BOOK 29 PAGE 1, PM).

CITY OF PISMO BEACH, SAN LUIS OBISPO COUNTY, CALIF.
SCALE 1" = 100' MAY 1980

GARING, TAYLOR & ASSOC., INC.
Civil Engineers
141 S. Elm Street, Arroyo Grande, Calif.





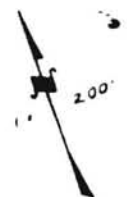
Copy of document found at www.NoNewWipTax.com

THIS MAP IS FOR ASSESSMENT PURPOSES ONLY.

TR 1523, R.M. BK. 14, PG. 31

RANCHO EL PISMO
CITY OF PISMO BEACH
SAN LUIS OBISPO COUNTY
CALIFORNIA

TAX AREA CODE NO. 60-01



HIGHWAY NO. 101

FRONTAGE ROAD

RHO. EL PISMO

PTN. LOT II

(36)

(37)

(48)

(49)

(47)

(012)

TRACT NO 269
SEE MAP 60-60

TRACT 1080, R.M. 12-86

(39)

For Assessment
Purpose only

FOR THIS AREA
SEE MAP 60-014

TOWN OF GROVER
CITY OF GROVER CITY
SAN LUIS OBISPO COUNTY
CALIFORNIA

NOTE—ASSESSOR'S BLOCK & LOT NUMBERS SHOW IN CIRCLES

REV. 4/10/72
12/11/85
2-14 W.

Copy of document found at www.NoNewWipTax.com

Original at Attorney's Office

N 2200



E 3200

TOPOGRAPHIC MAP OF STREBE PROPERTY

6/12/91	changed by: JS
	200 O.R. 106 to
	200 O.R. 196

Date	Item
------	------

Revisions

W. O. No. 88-085

GARING, TAYLOR & ASSOC., INC.
Civil Engineers
Arroyo Grande, California

Drawn by: FKA,

Checked by: MB

Scale: 1" = 40'

Sheet 1 of 1

Central
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Analytical
Services

Air, Water, & Hazardous Waste Sampling, Analysis, & Consultation
State Certified Hazardous Waste, Chemistry, & Bacteriology Laboratories

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San Luis Obispo, Ca 93401
Fax (805) 543-2685
(805) 543-2553

6483-D Calle Real
Goleta, CA 93117
Fax (805) 976-4386
(805) 964-7838

TITLE 22 CHEMICAL ANALYSES

Date of Report May 31, 1988		Lab Sample ID Number E-4891	
Laboratory Name Central Coast Analytical Services		Signature, Lab Director <i>Mary A. ...</i>	
Name of Sampler Rusty Garing		Sampler Employed By Garing Taylor & Associates	
Date/Time Sample Collected May 27, 1988 @ 0845	Date/Time Sample Received at Lab. May 27, 1988 @ 1000	Were Holding Times Observed? Yes	
System Name City of Pismo Beach			System Number
Description of Sampling Point Well #9			
Name/Number of Sample Source		Station Number	
Date and Time of Sample 8 8 0 5 2 7 0 8 4 5 Y Y M M D D T T T T	Water Type G G/S	User ID	Submitted to SWQIS By

MCL Reporting Units	Constituent	T T	Store Code	Analyses Results
	Analyzing Agency (Laboratory)		28	
mg/L	Total Hardness (as CaCO3)		900	
mg/L	Calcium (Ca)		916	
mg/L	Magnesium (Mg)		927	
mg/L	Sodium (Na)		929	
mg/L	Potassium (K)		937	
Total Cations	meq/L Value:			

mg/L	Total Alkalinity (as CaCO3)		410	
mg/L	Hydroxide (OH)		71830	
mg/L	Carbonate (CO3)		445	
mg/L	Bicarbonate (HCO3)		440	
mg/L +	Sulfate (SO4)		945	
mg/L +	Chloride (Cl)		940	
45 mg/L	Nitrate (NO3)		71850	
1.4-2.4 mg/L	Fluoride (F) Temp. Depend.		951	
Total Anions	meq/L Value:			

Std Units	pH (Laboratory)		403	
** umho/cm +	Specific Conductance (E.C.)		95	
*** mg/L +	Total Filterable Residue at 180° C (TDS)		70300	
UNITS	Apparent Color (Unfiltered)		81	
TON	Odor Threshold at 60° C		86	
NTU	Lab Turbidity		82079	
0.5 mg/L +	MBAS		38260	

* 250-500-600

** 900-1600-2200

*** 500-1000-1500

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TITLE 22 CHEMICAL ANALYSES

Date of Report May 31, 1988		Lab Sample ID Number E-4892	
Laboratory Name Central Coast Analytical Services		Signature Lab Director <i>Max Newland</i>	
Name of Sampler Rusty Garing		Sampler Employed by Garing Taylor & Associates	
Date/Time Sample Collected May 27, 1988 @ 0845	Date/Time Sample Received at Lab. May 27, 1988 @ 1000	Were Holding Times Observed? Yes	
System Name City of Pismo Beach			System Number
Description of Sampling Point Well #10			
Name/Number of Sample Source		Station Number	
Date and Time of Sample 8 8 0 5 2 7 0 8 4 5 Y Y M M D D T T T T	Water Type G G/S	User ID	Submitted to SWQIS By

MCL Reporting Units	Constituent	T T	Store Code	Analyses Results
	Analyzing Agency (Laboratory)		28	
mg/L	Total Hardness (as CaCO3)		900	
mg/L	Calcium (Ca)		916	
mg/L	Magnesium (Mg)		927	
mg/L	Sodium (Na)		929	
mg/L	Potassium (K)		937	
Total Cations	meq/L Value:			

mg/L	Total Alkalinity (as CaCO3)		410	
mg/L	Hydroxide (OH)		71830	
mg/L	Carbonate (CO3)		445	
mg/L	Bicarbonate (HCO3)		440	
mg/L +	Sulfate (SO4)		945	
mg/L +	Chloride (Cl)		940	
45 mg/L	Nitrate (NO3)		71850	
1.4-2.4 mg/L	Fluoride (F) Temp. Depend.		951	
Total Anions	meq/L Value:			

Std Units	pH (Laboratory)		403	
** umho/cm +	Specific Conductance (E.C.)		95	
*** mg/L +	Total Filterable Residue at 180° C (TDS)		70300	
UNITS	Apparent Color (Unfiltered)		81	
TON	Odor Threshold at 60° C		86	
NTU	Lab Turbidity		82079	
0.5 mg/L +	MBAS		38260	

• 250-500-600

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(805) 964-7838

TITLE 22 CHEMICAL ANALYSES

Date of Report May 31, 1988		Lab Sample ID Number E-4891	
Laboratory Name Central Coast Analytical Services		Signature Lab Director <i>Mary Haudrich</i>	
Name of Sampler Rusty Garing		Sampler Employed By Garing Taylor & Associates	
Date/Time Sample Collected May 27, 1988 @ 0845	Date/Time Sample Received at Lab. May 27, 1988 @ 1000	Were Holding Times Observed? Yes	
System Name City of Pismo Beach			System Number
Description of Sampling Point Well #9 <i>File</i>			
Name/Number of Sample Source		Station Number	
Date and Time of Sample 8 8 0 5 2 7 0 8 4 5 Y Y M M D D T T T T	Water Type G G/S	User ID	Submitted to SWQIS By

MCL Reporting Units	Constituent	T T	Store Code	Analyses Results
	Analyzing Agency (Laboratory)		28	
mg/L	Total Hardness (as CaCO3)		900	
mg/L	Calcium (Ca)		916	
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Total Cations	meq/L Value:			

mg/L	Total Alkalinity (as CaCO3)		410	
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mg/L	Carbonate (CO3)		445	
mg/L	Bicarbonate (HCO3)		440	
mg/L +	Sulfate (SO4)		945	
mg/L +	Chloride (Cl)		940	
45 mg/L	Nitrate (NO3)		71850	
1.4-2.4 mg/L	Fluoride (F) Temp. Depend.		951	
Total Anions	meq/L Value:			

Std Units	pH (Laboratory)		403	
umho/cm +	Specific Conductance (E.C.)		95	
mg/L +	Total Filterable Residue at 180° C (TDS)		70300	
UNITS	Apparent Color (Unfiltered)		81	
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TITLE 22 CHEMICAL ANALYSES

Date of Report May 31, 1988		Lab Sample ID Number E-4892	
Laboratory Name Central Coast Analytical Services		Signature Lab Director <i>Manuel Nunez</i>	
Name of Sampler Rusty Garing		Sampler Employed By Garing Taylor & Associates	
Date/Time Sample Collected May 27, 1988 @ 0845	Date/Time Sample Received at Lab. May 27, 1988 @ 1000	Were Holding Times Observed? Yes	
System Name City of Pismo Beach			System Number
Description of Sampling Point Well #10			
Name/Number of Sample Source		Station Number	
Date and Time of Sample 8 8 0 5 2 7 0 8 4 5 Y Y M M D D T T T T	Water Type G G/S	User ID	Submitted to SWQIS By

MCL Reporting Units	Constituent	T T	Storet Code	Analyses Results
	Analyzing Agency (Laboratory)		28	
mg/L	Total Hardness (as CaCO3)		900	
mg/L	Calcium (Ca)		916	
mg/L	Magnesium (Mg)		927	
mg/L	Sodium (Na)		929	
mg/L	Potassium (K)		937	
Total Cations	meq/L Value:			

mg/L	Total Alkalinity (as CaCO3)		410	
mg/L	Hydroxide (OH)		71830	
mg/L	Carbonate (CO3)		445	
mg/L	Bicarbonate (HCO3)		440	
mg/L +	Sulfate (SO4)		945	
mg/L +	Chloride (Cl)		940	
45 mg/L	Nitrate (NO3)		71850	
1.4-2.4 mg/L	Fluoride (F) Temp. Depend.		951	
Total Anions	meq/L Value:			

Std Units	pH (Laboratory)		403	
** umho/cm +	Specific Conductance (E.C.)		95	
*** mg/L +	Total Filterable Residue at 180° C (TDS)		70300	
UNITS	Apparent Color (Unfiltered)		81	
TON	Odor Threshold at 60° C		86	
NTU	Lab Turbidity		82079	
0.5 mg/L +	MBAS		38260	

* 250-500-600 ** 900-1600-2200 *** 500-1000-1500

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(805) 964-7838

TITLE 22 CHEMICAL ANALYSES

J

Date of Report March 27, 1988		Lab Sample ID Number E-2368	
Laboratory Name Central Coast Analytical Services		Signature Lab Director <i>May [unclear]</i>	
Name of Sampler Pat		Sampler Employed By City of Pismo Beach	
Date/Time Sample Collected Mar. 22, 1988 @ 1000	Date/Time Sample Received at Lab. Mar. 22, 1988 @ 1135	Were Holding Times Observed? Yes	
System Name City of Pismo Beach			System Number
Description of Sampling Point Potable Water, Raw Untreated Well #9 <i>File</i>			
Name/Number of Sample Source		Station Number	
Date and Time of Sample 8 8 0 3 2 7 1 0 0 0 Y Y M M D D T T T T	Water Type G G/S	User ID 	Submitted to SWQIS By

MCL Reporting Units	Constituent	T T	Store Code	Analyses Results
	Analyzing Agency (Laboratory)		28	
mg/L	Total Hardness (as CaCO3)		900	
mg/L	Calcium (Ca)		916	
mg/L	Magnesium (Mg)		927	
mg/L	Sodium (Na)		929	
mg/L	Potassium (K)		937	

Total Cations meq/L Value:

mg/L	Total Alkalinity (as CaCO3)		410	
mg/L	Hydroxide (OH)		71830	
mg/L	Carbonate (CO3)		445	
mg/L	Bicarbonate (HCO3)		440	
* mg/L +	Sulfate (SO4)		945	
* mg/L +	Chloride (Cl)		940	
45 mg/L	Nitrate (NO3)		71850	
1.4-2.4 mg/L	Fluoride (F) Temp. Depend.		951	

Total Anions meq/L Value:

Std Units	pH (Laboratory)		403	
** umho/cm +	Specific Conductance (E.C.)		95	
*** mg/L +	Total Filterable Residue at 180° C (TDS)		70300	
UNITS	Apparent Color (Unfiltered)		81	
TON	Odor Threshold at 60° C		86	
NTU	Lab Turbidity		82079	
0.5 mg/L +	MBAS		38260	

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 Goleta, CA 93117
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 (805) 964-7838

TITLE 22 CHEMICAL ANALYSES

Date of Report March 27, 1988		Lab Sample ID Number E-2369	
Laboratory Name Central Coast Analytical Services		Signature Lab Director <i>Mary Hawlicek</i>	
Name of Sampler Pat		Sampler Employed By City of Pismo Beach	
Date/Time Sample Collected Mar. 22, 1988 @ 1030	Date/Time Sample Received at Lab. Mar. 22, 1988 @ 1135	Were Holding Times Observed? Yes	
System Name City of Pismo Beach			System Number
Description of Sampling Point Potable Water, Treated Well #9			
Name/Number of Sample Source		Station Number	
Date and Time of Sample 8 8 0 3 2 7 1 0 3 0 Y M D D T T T T	Water Type G G/S	User ID	Submitted to SWQIS By

MCL Reporting Units	Constituent	T T	Storet Code	Analyses Results
	Analyzing Agency (Laboratory)		28	
mg/L	Total Hardness (as CaCO3)		900	
mg/L	Calcium (Ca)		916	
mg/L	Magnesium (Mg)		927	
mg/L	Sodium (Na)		929	
mg/L	Potassium (K)		937	
Total Cations	meq/L Value:			

mg/L	Total Alkalinity (as CaCO3)		410	
mg/L	Hydroxide (OH)		71830	
mg/L	Carbonate (CO3)		445	
mg/L	Bicarbonate (HCO3)		440	
mg/L +	Sulfate (SO4)		945	
mg/L +	Chloride (Cl)		940	
45 mg/L	Nitrate (NO3)		71850	
1.4-2.4 mg/L	Fluoride (F) Temp. Depend.		951	
Total Anions	meq/L Value:			

Std Units	pH (Laboratory)		403	
umho/cm +	Specific Conductance (E.C.)		95	
mg/L +	Total Filterable Residue at 180° C (TDS)		70300	
UNITS	Apparent Color (Unfiltered)		81	
TON	Odor Threshold at 60° C		86	
NTU	Lab Turbidity		82079	
0.5 mg/L +	MBAS		38260	

* 250-500-600

** 900-1600-2200

*** 500-1000-1500

GARING, TAYLOR & ASSOCIATES, INC.
 CIVIL ENGINEERS SURVEYORS PLANNERS

April 13, 1988

R. Baker, Inc.
 P.O. Box 419
 Arroyo Grande, CA 93420

Dear Bob:

SUBJECT: WELLS 9 AND 10 WATER TREATMENT FACILITIES

Full

Regarding your request for payment of \$39,519.92 in retention for well sites 9 and 10 Water Treatment Facilities in Pismo Beach, I would like to point out that the following items still are not functioning properly:

1. Chlorine scales which were recently replaced show false readouts on the LCD display. When chlorine bottles are empty of gas the display shows up to 40 pounds of gas remaining;
2. The Gas Detector lights do not work (sulfur dioxide) and frequently the detector signals gas leaks when none exist;
3. The 8" gate valve on the plant side of the Tee in the street is very difficult to turn.

These items need to be fixed before payment of the retention is made. You will need to coordinate a plant shutdown with City water works staff when the 8" valve is removed.

Please call me if you have questions regarding any of the above.

Sincerely,

GARING, TAYLOR & ASSOCIATES, INC.

Russell S. Garing

Russell S. Garing
 Project Inspector

xc: Hal Halldin

<i>Permit</i>			
<i>Fee</i>		228,346.52	<i>DRV. P.</i>
	10-20-87	125,757.76	
	8-05	1575.00	
	4-05-87	Exp. 550.14	
	"	" 17295.20	
	"	" 969.90	

c/1 PB8520L3.RGS

As of 4-13-88 there is a balance of approx \$9000 - plus time about 2000 -

CITY OF PISMO BEACH, CALIFORNIA



CITY HALL
1000 BELLO ST. • P.O. BOX 3
PISMO BEACH, CALIFORNIA, 93449
TELEPHONE 805/773/4657

April 11, 1988

Perri Garfinkel
Department of Health Services
Sanitary Engineering Branch
P.O. Box 4339
Santa Barbara, CA 93140-4339

Dear Perri:

Enclosed herewith are copies of the tests on treated and untreated water from Well #9. Since the first of April, Well #10, not Well #9 has been operating. Later this week both wells will be put on-line so that tests on both wells can be provided.

Very truly yours,

A handwritten signature in cursive script, appearing to read "Hal", is written over the typed name.

HAL HALLDIN
City Engineer

HH:tq

enclosure

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TITLE 22 CHEMICAL ANALYSES

Date of Report March 27, 1988		Lab Sample ID Number E-2368	
Laboratory Name Central Coast Analytical Services		Signature Lab Director <i>Mary Hawley</i>	
Name of Sampler Pat		Sampler Employed By City of Pismo Beach	
Date/Time Sample Collected Mar. 22, 1988 @ 1000	Date/Time Sample Received at Lab. Mar. 22, 1988 @ 1135	Were Holding Times Observed? Yes	
System Name City of Pismo Beach			System Number
Description of Sampling Point Potable Water, Raw Untreated Well #9			
Name/Number of Sample Source		Station Number	
Date and Time of Sample 8 8 0 3 2 7 1 0 0 0 Y Y M M D D T T T T	Water Type G G/S	User ID	Submitted to SWQIS By

MCL Reporting Units	Constituent	T T	Storet Code	Analyses Results
	Analyzing Agency (Laboratory)		28	
mg/L	Total Hardness (as CaCO3)		900	
mg/L	Calcium (Ca)		916	
mg/L	Magnesium (Mg)		927	
mg/L	Sodium (Na)		929	
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Total Cations meq/L Value:				

mg/L	Total Alkalinity (as CaCO3)		410	
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mg/L +	Sulfate (SO4)		945	
mg/L +	Chloride (Cl)		940	
45 mg/L	Nitrate (NO3)		71850	
1.4-2.4 mg/L	Fluoride (F) Temp. Depend.		951	
Total Anions meq/L Value:				

Std Units	pH (Laboratory)		403	
** umho/cm +	Specific Conductance (E.C.)		95	
*** mg/L +	Total Filterable Residue at 180° C (TDS)		70300	
UNITS	Apparent Color (Unfiltered)		81	
TON	Odor Threshold at 60° C		86	
NTU	Lab Turbidity		82079	
0.5 mg/L +	MBAS		38260	

* 250-500-600

** 900-1600-2200

*** 500-1000-1500

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TITLE 22 CHEMICAL ANALYSES

Date of Report March 27, 1988		Lab Sample ID Number E-2369	
Laboratory Name Central Coast Analytical Services		Signature Lab Director <i>Mary Hawlicek</i>	
Name of Sampler Pat		Sampler Employed By City of Pismo Beach	
Date/Time Sample Collected Mar. 22, 1988 @ 1030	Date/Time Sample Received at Lab. Mar. 22, 1988 @ 1135	Were Holding Times Observed? Yes	
System Name City of Pismo Beach			System Number
Description of Sampling Point Potable Water, Treated Well #9			
Name/Number of Sample Source		Station Number	
Date and Time of Sample 8 8 0 3 2 7 1 0 3 0 Y Y M M D D T T T T		Water Type G G/S	User ID
Submitted to SWQIS By			

MCL Reporting Units	Constituent	T T	Storet Code	Analyses Results
	Analyzing Agency (Laboratory)		28	
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1.4-2.4 mg/L	Fluoride (F) Temp. Depend.		951	
Total Anions	meq/L Value:			

Std Units	pH (Laboratory)		403	
** umho/cm +	Specific Conductance (E.C.)		95	
*** mg/L +	Total Filterable Residue at 180° C (TDS)		70300	
UNITS	Apparent Color (Unfiltered)		81	
TON	Odor Threshold at 60° C		86	
NTU	Lab Turbidity		82079	
0.5 mg/L +	MBAS		38260	

* 250-500-600

** 900-1600-2200

*** 500-1000-1500

S O C I INC.

31133 W. VIA COLINAS-ST-101
WESTLAKE VILLAGE, CA. 91362
(818)889-4236

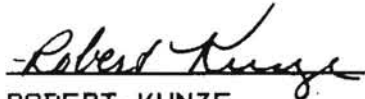
CITY OF PISMO BEACH

SAMPLE TYPE- 4TH & FRONTAGE/WELL #9/SPIGOT
DATE SAMPLED- 2/19/88
DATE RECEIVED- 2/22/88
DATE REPORTED- 3/3/88
LOG NO.- 801-1-11816

LAB ANALYSIS

CONSTITUENT	QUANTITY	MAXIMUM LIMIT
GROSS ALPHA-	<1 +/- 0.5 PCI/L	5.0
GROSS BETA-	2.6 +/- 2.4 PCI/L	50

I DECLARE UNDER PENALTY OF PERJURY, THAT THE FOREGOING IS TRUE AND ACCURATE AS FOR THE SAMPLES AS DELIVERED & RECEIVED.



ROBERT KUNZE
LAB MANAGER

INVOICE NO. 1097
INV. DATED 3/3/88

A TOTAL OPERATION SERVICES CORPORATION

DEPARTMENT OF HEALTH SERVICES

Public Water Supply Branch

P. O. Box 4339

Santa Barbara, CA 93140-4339

(805) 963-8616



March 24, 1988

NOTICE OF
FAILURE TO REPORT*Lide Wall #4 & 10*

Pismo Beach Water Department
P.O. Box 3
Pismo Beach, CA 93449

SYSTEM NO. 40-008

The Summary Report of iron and manganese monitoring results for the month of February has not been received by this office.

Section 64451 (a) (1) (2), Title 22, California Domestic Water Quality and Monitoring Regulations, California Administrative Code, requires that each supplier shall report monitoring results as required by the Department. Failure to do so could result in the issuance of a citation and fine.

The report is to be completed and mailed to this office by the 15th day of the month following the month in which the samples are collected.

Please submit the above report by return mail. If you have any questions concerning the report, contact Perri Garfinkel at (805) 963-8616.

Title - Water Treat Plant

Air, Water, & Hazardous Waste Sampling, Analysis, & Consultation
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JUL 11 1988

CITY OF PISMO BEACH

TITLE 22 CHEMICAL ANALYSIS FINANCE DEPT.

Date of Report <p style="text-align: center;">July 8, 1988</p>		Lab Sample ID Number <p style="text-align: center;">E-6254</p>	
Laboratory Name <p style="text-align: center;">Central Coast Analytical Services</p>		Signature Lab Director <p style="text-align: center;"><i>May Harlick</i></p>	
Name of Sampler <p style="text-align: center;">REG</p>		Sampler Employed By <p style="text-align: center;">City of Pismo Beach</p>	
Date/Time Sample Collected <p style="text-align: center;">July 8, 1988 @ 0920</p>	Date/Time Sample Received at Lab. <p style="text-align: center;">July 8, 1988 @ 0924</p>	Were Holding Times Observed? <p style="text-align: center;">Yes</p>	
System Name <p style="text-align: center;">City of Pismo Beach</p>			System Number
Description of Sampling Point <p style="text-align: center;">Well #9, 4th St. Plant</p>			
Name/Number of Sample Source		Station Number	
Date and Time of Sample <p style="text-align: center;">8 8 0 7 0 8 0 9 2 0 </p> <p style="text-align: center;">Y Y M M D D T T T T</p>	Water Type <p style="text-align: center;">G</p> <p style="text-align: center;">G/S</p>	User ID	Submitted to SWQIS By

MCL Reporting Units	Constituent	T T	Storet Code	Analyses Results
	Analyzing Agency (Laboratory)		28	
mg/L	Total Hardness (as CaCO3)		900	
mg/L	Calcium (Ca)		916	
mg/L	Magnesium (Mg)		927	
mg/L	Sodium (Na)		929	
mg/L	Potassium (K)		937	
Total Cations	meq/L Value:			

mg/L	Total Alkalinity (as CaCO3)		410	
mg/L	Hydroxide (OH)		71830	
mg/L	Carbonate (CO3)		445	
mg/L	Bicarbonate (HCO3)		440	
mg/L +	Sulfate (SO4)		945	
mg/L +	Chloride (Cl)		940	
45 mg/L	Nitrate (NO3)		71850	
1.4-2.4 mg/L	Fluoride (F) Temp. Depend.		951	
Total Anions	meq/L Value:			

Std Units	pH (Laboratory)		403	
** umho/cm +	Specific Conductance (E.C.)		95	
*** mg/L +	Total Filterable Residue at 180° C (TDS)		70300	
UNITS	Apparent Color (Unfiltered)		81	
TON	Odor Threshold at 60° C		86	
NTU	Lab Turbidity		82079	
0.5 mg/L +	MBAS		38260	

• 250-500-600

** 900-1600-2200

*** 500-1000-1500

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TITLE 22 CHEMICAL ANALYSES

Date of Report July 8, 1988		Lab Sample ID Number E-6255	
Laboratory Name Central Coast Analytical Services		Signature Lab Director <i>Mary Hawlicik</i>	
Name of Sampler REG		Sampler Employed By City of Pismo Beach	
Date/Time Sample Collected July 8, 1988 @ 0922	Date/Time Sample Received at Lab. July 8, 1988 @ 0924	Were Holding Times Observed? Yes	
System Name City of Pismo Beach			System Number
Description of Sampling Point Well #10, 4th Street Plant			
Name/Number of Sample Source		Station Number	
Date and Time of Sample 8 8 0 7 0 8 0 9 2 2 Y Y M M D D T T T T	Water Type G G/S	User ID	Submitted to SWQIS By

MCL Reporting Units	Constituent	T T	Storet Code	Analyses Results
	Analyzing Agency (Laboratory)		28	
mg/L	Total Hardness (as CaCO3)		900	
mg/L	Calcium (Ca)		916	
mg/L	Magnesium (Mg)		927	
mg/L	Sodium (Na)		929	
mg/L	Potassium (K)		937	
Total Cations	meq/L Value:			

mg/L	Total Alkalinity (as CaCO3)		410	
mg/L	Hydroxide (OH)		71830	
mg/L	Carbonate (CO3)		445	
mg/L	Bicarbonate (HCO3)		440	
mg/L +	Sulfate (SO4)		945	
mg/L +	Chloride (Cl)		940	
45 mg/L	Nitrate (NO3)		71850	
1.4-2.4 mg/L	Fluoride (F) Temp. Depend.		951	
Total Anions	meq/L Value:			

Std Units	pH (Laboratory)		403	
** umho/cm +	Specific Conductance (E.C.)		95	
*** mg/L +	Total Filterable Residue at 180° C (TDS)		70300	
UNITS	Apparent Color (Unfiltered)		81	
TON	Odor Threshold at 60° C		86	
NTU	Lab Turbidity		82079	
0.5 mg/L +	MBAS		38260	

* 250-500-600

** 900-1600-2200

*** 500-1000-1500

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TITLE 22 CHEMICAL ANALYSES

Date of Report <u>July 8, 1988</u>		Lab Sample ID Number <u>E-6256</u>	
Laboratory Name <u>Central Coast Analytical Services</u>		Signature Lab Director <i>May Hawick</i>	
Name of Sampler <u>REG</u>		Sampler Employed By <u>City of Pismo Beach</u>	
Date/Time Sample Collected <u>July 8, 1988 @ 0924</u>	Date/Time Sample Received at Lab. <u>July 8, 1988 @ 0924</u>	Were Holding Times Observed? <u>Yes</u>	
System Name <u>City of Pismo Beach</u>			System Number
Description of Sampling Point <u>Treated Effluent, 4th Street Plant</u>			
Name/Number of Sample Source		Station Number	
Date and Time of Sample <u>8 8 0 7 0 8 0 9 2 4</u> Y Y M M D D T T T T	Water Type <u>G.S</u>	User ID	Submitted to SWQIS By

MCL Reporting Units	Constituent	T T	Storet Code	Analyses Results
	Analyzing Agency (Laboratory)		28	
mg/L	Total Hardness (as CaCO3)		900	
mg/L	Calcium (Ca)		916	
mg/L	Magnesium (Mg)		927	
mg/L	Sodium (Na)		929	
mg/L	Potassium (K)		937	
Total Cations	meq/L Value:			

mg/L	Total Alkalinity (as CaCO3)		410	
mg/L	Hydroxide (OH)		71830	
mg/L	Carbonate (CO3)		445	
mg/L	Bicarbonate (HCO3)		440	
mg/L +	Sulfate (SO4)		945	
mg/L +	Chloride (Cl)		940	
45 mg/L	Nitrate (NO3)		71850	
1.4-2.4 mg/L	Fluoride (F) Temp. Depend.		951	
Total Anions	meq/L Value:			

Std Units	pH (Laboratory)		403	
umho/cm +	Specific Conductance (E.C.)		95	
mg/L +	Total Filterable Residue at 180° C (TDS)		70300	
UNITS	Apparent Color (Unfiltered)		81	
TON	Odor Threshold at 60° C		86	
NTU	Lab Turbidity		82079	
0.5 mg/L +	MBAS		38260	

* 250-500-600

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TITLE 22 CHEMICAL ANALYSES

Date of Report October 23, 1987		Lab Sample ID Number D-8286	
Laboratory Name Central Coast Analytical Services		Signature Lab Director <i>Mary Hawley</i>	
Name of Sampler Gil Contreras		Sampler Employed By City of Pismo Beach	
Date/Time Sample Collected Oct. 20, 1987 @ 0900	Date/Time Sample Received at Lab. Oct. 20, 1987 @ 1010	Were Holding Times Observed? Yes	
System Name City of Pismo Beach			System Number
Description of Sampling Point Well #9 <i>Full</i>			
Name/Number of Sample Source		Station Number	
Date and Time of Sample 8 7 1 0 2 0 0 9 0 0 Y Y M M D D T T T T	Water Type G G/S	User ID	Submitted to SWQIS By

MCL Reporting Units	Constituent	T T	Store Code	Analyses Results
	Analyzing Agency (Laboratory)		28	
mg/L	Total Hardness (as CaCO3)		900	
mg/L	Calcium (Ca)		916	
mg/L	Magnesium (Mg)		927	
mg/L	Sodium (Na)		929	
mg/L	Potassium (K)		937	
Total Cations meq/L Value:				

mg/L	Total Alkalinity (as CaCO3)		410	
mg/L	Hydroxide (OH)		71830	
mg/L	Carbonate (CO3)		445	
mg/L	Bicarbonate (HCO3)		440	
* mg/L +	Sulfate (SO4)		945	
* mg/L +	Chloride (Cl)		940	
45 mg/L	Nitrate (NO3)		71850	
1.4-2.4 mg/L	Fluoride (F) Temp. Depend.		951	
Total Anions meq/L Value:				

Std Units	pH (Laboratory)		403	
** umho/cm +	Specific Conductance (E.C.)		95	
*** mg/L +	Total Filterable Residue at 180° C (TDS)		70300	
UNITS	Apparent Color (Unfiltered)		81	
TON	Odor Threshold at 60° C		86	
NTU	Lab Turbidity		82079	
0.5 mg/L +	MBAS		38260	

* 250-500-600

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(805) 004 7000

TITLE 22 CHEMICAL ANALYSES

Date of Report October 23, 1987		Lab Sample ID Number D-8286	
Laboratory Name Central Coast Analytical Services		Signature Lab Director <i>Mary Harbick</i>	
Name of Sampler Gil Contreras		Sampler Employed By City of Pismo Beach	
Date/Time Sample Collected Oct. 20, 1987 @ 0900	Date/Time Sample Received at Lab. Oct. 20, 1987 @ 1010	Were Holding Times Observed? Yes	
System Name City of Pismo Beach			System Number
Description of Sampling Point Well #9			
Name/Number of Sample Source		Station Number	
Date and Time of Sample 8 7 1 0 2 0 0 9 0 0 Y Y M M D D T T T T	Water Type G G/S	User ID	Submitted to SWQIS By

MCL Reporting Units	Constituent	T T	Store Code	Analyses Results
	Analyzing Agency (Laboratory)		28	
mg/L	Total Hardness (as CaCO3)		900	
mg/L	Calcium (Ca)		916	
mg/L	Magnesium (Mg)		927	
mg/L	Sodium (Na)		929	
mg/L	Potassium (K)		937	
Total Cations meq/L Value:				

mg/L	Total Alkalinity (as CaCO3)		410	
mg/L	Hydroxide (OH)		71930	
mg/L	Carbonate (CO3)		445	
mg/L	Bicarbonate (HCO3)		440	
• mg/L +	Sulfate (SO4)		945	
• mg/L +	Chloride (Cl)		940	
45 mg/L	Nitrate (NO3)		71850	
1.4-2.4 mg/L	Fluoride (F) Temp. Depend.		951	
Total Anions meq/L Value:				

Std Units	pH (Laboratory)		605	
** umho/cm +	Specific Conductance (µmho/cm)		95	
*** mg/L +	Total Filterable Residue at 180° C (TDS)		70300	
UNITS	Apparent Color (Unfiltered)		81	
TON	Odor Threshold at 60° C		86	
NTU	Lab Turbidity		82079	
0.5 mg/L +	MBAS		38260	

* 250-500-600

** 900-1600-2200

*** 500-1000-1500

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AGRICULTURAL AND MISCELLANEOUS
ORGANIC CHEMICAL ANALYSES CITY OF PISMO BEACH
FINANCE DEPT.

Date of Report: October 21, 1987 Lab Sample ID No. D-7141
 Laboratory Central Coast Analytical Services Signature Lab
 Name of Robert Garrett Director: May [Signature]
 Sampler Robert Garrett Employed By: CCAS
 Date/Time Sample 9/11/87 @ 1100 Date/Time Sample 9/11/87 @ 1200 Were Holding
 Collected: 9/11/87 @ 1100 Received @ Lab: 9/11/87 @ 1200 Times Observed? Yes
 Test Methods: EPA 615/8150 Were all the constituents listed below quantified? Yes

System Name: City of Pismo Beach System Number: _____
 Description of Sampling Point: Well #9 *File* County Name: San Luis Obispo
 Name/No. Of Sample _____ Station Number: _____
 Source: _____
 Date & Time of Sample: 8|7|0|9|1|1|1|1|0|0| Water [G] User [] [] [] Submitted to SWQIS
 Sample: Y Y M M D D T T T T Type: G/S ID: _____ By: _____

Place an "X" in box to delete all data for this station/date/time.

REPORTING UNITS	CONSTITUENT	T T	STORET CODE	ANALYSES RESULTS	DETECTION LIMIT
	Date All Agricultural/Misc Organic Analyses Completed		73672	8 7 1 0 2 1 Y Y M M D D	
	Analyzing Agency Code (Lab)		28		
	Intensive Survey Number		116		
ug/L	2,4-D		39730	N . . D . .	0 . 1
ug/L	2,4,5-TP		39045	N . . D . .	0 . 0 1
ug/L	Lindane (gamma-BHC)		39340	N . . D . .	0 . 1
ug/L	Endrin		39390	N . . D . .	0 . 0 1
ug/L	Methoxychlor		39480	N . . D . .	0 . 5
ug/L	Toxaphene		39400	N . . D . .	0 . 5 0
ug/L					
ug/L					
ug/L					
ug/L					
ug/L					
ug/L					
ug/L					
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ug/L					

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Central Coast
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141 Suburban Road, Suite C-4
San Luis Obispo, California 93401
(805) 543-2553

Lab Number: D-7662
Collected: 10/01/87
Received: 10/01/87
Tested: As Listed
Collected by: Roger Perry of CCAS

City of Pismo Beach
1000 Bello Street
Pismo Beach, CA 93449

Sample Description:

Well #9

REPORT

CONSTITUENT	METHOD/DATE/ANALYST	DETECTION LIMIT	LEVEL FOUND -mg/l
SULFIDE	376.1 10/01/87 LD DUPLICATE	0.1	<0.1 <0.1
CARBON DIOXIDE	SM 406B 10/01/87 RFP DUPLICATE	0.01	50. 50.

D7662PB.WR1
MH/ke

Respectfully submitted,
CENTRAL COAST ANALYTICAL SERVICES
Mary Havlicek
Mary Havlicek, Ph.D., President

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TITLE 22 CHEMICAL ANALYSES

Date of Report August 9, 1988		Lab Sample ID Number E-7432	
Laboratory Name Central Coast Analytical Services		Signature Lab Director <i>Mary Harland</i>	
Name of Sampler Shannen		Sampler Employed By City of Pismo Beach	
Date/Time Sample Collected August 3, 1988 @ 1510	Date/Time Sample Received at Lab. August 3, 1988 @ 1630	Were Holding Times Observed? Yes -	
System Name City of Pismo Beach			System Number
Description of Sampling Point Well Water, Well #9, Lab #801-1-12644			
Name/Number of Sample Source		Station Number	
Date and Time of Sample 8 8 0 8 0 3 1 5 1 1 0	Water Type G	User ID 	Submitted to SWQIS By
Y Y M M D D T T T T	G/S		

MCL Reporting Units	Constituent	T T	Storet Code	Analyses Results
	Analyzing Agency (Laboratory)		28	
mg/L	Total Hardness (as CaCO3)		900	
mg/L	Calcium (Ca)		916	
mg/L	Magnesium (Mg)		927	
mg/L	Sodium (Na)		929	
mg/L	Potassium (K)		937	
Total Cations	meq/L Value:			

mg/L	Total Alkalinity (as CaCO3)		410	
mg/L	Hydroxide (OH)		71830	
mg/L	Carbonate (CO3)		445	
mg/L	Bicarbonate (HCO3)		440	
mg/L +	Sulfate (SO4)		945	
mg/L +	Chloride (Cl)		940	
45 mg/L	Nitrate (NO3)		71850	
1.4-2.4 mg/L	Fluoride (F) Temp. Depend.		951	
Total Anions	meq/L Value:			

Std Units	pH (Laboratory)		403	
** umho/cm +	Specific Conductance (E.C.)		95	
*** mg/L +	Total Filterable Residue at 180° C (TDS)		70300	
UNITS	Apparent Color (Unfiltered)		81	
TON	Odor Threshold at 60° C		86	
NTU	Lab Turbidity		82079	
0.5 mg/L +	MBAS		38260	

* 250-500-600

** 900-1600-2200

*** 500-1000-1500

File Well #9

IN OF CUSTODY RECORD

Project No. _____ Project Name: *4th ST. ~~well~~ Plant
CITY OF PISMO, PISMO BEACH, CA.*

Collectors: (Signature)
Robert Janett

No.	Date	Time	Comp.	GAS	Station Location	No. of Containers	ANALYSIS			Remarks
							IRON	MANGANESE	OTHER	
1	7-8	9:20		X	Well #9	1	X			E-6254
2	7-8	9:22		X	Well #10	1	X			E-6255
3	7-8	9:24		X	Treated Effluent	1	X			E-6256

Inquired by: <i>George E. Chimer</i>	Date <i>7/8/88</i>	Time <i>09:24</i>	Received by: <i>Robert Janett</i>	Relinquished by:	Date	Time	Received by:
Inquired by:	Date	Time	Received by:	Relinquished by:	Date	Time	Received by:
Inquired by:	Date	Time	Received by:	Additional Remarks:			

TOTAL TIME: 30 min.
TOTAL MILES: 23

[BILL CITY OF PISMO BEACH]

SAMPLING CHAIN OF CUSTODY
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San Luis Obispo, California 93401
(805) 543-2553

Lab Number: D-7662
Collected: 10/01/87
Received: 10/01/87
Tested: As Listed
Collected by: Roger Perry of CCAS

City of Pismo Beach
1000 Bello Street
Pismo Beach, CA 93449

Sample Description:
Well #9

REPORT

CONSTITUENT	METHOD/DATE/ANALYST	DETECTION LIMIT	LEVEL FOUND -mg/l
SULFIDE	376.1 10/01/87 LD DUPLICATE	0.1	<0.1 ✓ <0.1
CARBON DIOXIDE	SM 406B 10/01/87 RFP DUPLICATE	0.01	50. 50.

D7662PB.WR1
MH/ke

Respectfully submitted,
CENTRAL COAST ANALYTICAL SERVICES
Mary Havlicek
Mary Havlicek, Ph.D., President

File Well # 9

Central Coast Analytical Services

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MAY 10 1988

TITLE 22 CHEMICAL ANALYSES

Date of Report: May 11, 1988
 Lab Sample ID Number: E-4150
 Laboratory Name: Central Coast Analytical Services
 Signature, Lab Director: *Mary Hernandez*
 Name of Sampler: Rusty Garing
 Sampler Employed By: City of Pismo Beach
 Date/Time Sample Collected: May 10, 1988 @ 0930
 Date/Time Sample Received at Lab: May 10, 1988 @ 0950
 Were Holding Times Observed? Yes
 System Name: City of Pismo Beach
 System Number:
 Description of Sampling Point: Well #9, Raw
 Name/Number of Sample Source:
 Station Number:
 Date and Time of Sample: 8 8 0 5 1 0 0 9 3 0
 Y Y M M D D T T T T
 Water Type: G
 G/S
 User ID:
 Submitted to SWQIS By:

MCL Reporting Units	Constituent	T T	Store Code	Analyses Results
	Analyzing Agency (Laboratory)		28	
mg/L	Total Hardness (as CaCO3)		900	
mg/L	Calcium (Ca)		916	
mg/L	Magnesium (Mg)		927	
mg/L	Sodium (Na)		929	
mg/L	Potassium (K)		937	
Total Cations	meq/L Value:			

mg/L	Total Alkalinity (as CaCO3)		410	
mg/L	Hydroxide (OH)		71830	
mg/L	Carbonate (CO3)		445	
mg/L	Bicarbonate (HCO3)		440	
mg/L +	Sulfate (SO4)		945	
mg/L +	Chloride (Cl)		940	
45 mg/L	Nitrate (NO3)		71850	
1.4-2.4 mg/L	Fluoride (F) Temp. Depend.		951	
Total Anions	meq/L Value:			

Std Units	pH (Laboratory)		403	
** umho/cm +	Specific Conductance (E.C.)		95	
*** mg/L +	Total Filterable Residue at 180° C (TDS)		70300	
UNITS	Apparent Color (Unfiltered)		81	
TON	Odor Threshold at 60° C		86	
NTU	Lab Turbidity		82079	
0.5 mg/L +	MBAS		38260	

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TITLE 22 CHEMICAL ANALYSES

Date of Report May 11, 1988		Lab Sample ID Number E-4151	
Laboratory Name Central Coast Analytical Services		Signature Lab Director <i>Mary Hawick</i>	
Name of Sampler Rusty Garing		Sampler Employed By City of Pismo Beach	
Date/Time Sample Collected May 10, 1988 @ 0930	Date/Time Sample Received at Lab. May 10, 1988 @ 0950	Were Holding Times Observed? Yes	
System Name City of Pismo Beach			System Number
Description of Sampling Point Well #9, Filtered			
Name/Number of Sample Source		Station Number	
Date and Time of Sample 8 8 0 5 11 0 0 9 3 0 Y Y M M D D T T T T	Water Type [G] G/S	User ID	Submitted to SWQIS By

MCL Reporting Units	Constituent	T T	Store Code	Analyses Results
	Analyzing Agency (Laboratory)		28	
mg/L	Total Hardness (as CaCO3)		900	
mg/L	Calcium (Ca)		916	
mg/L	Magnesium (Mg)		927	
mg/L	Sodium (Na)		929	
mg/L	Potassium (K)		937	
Total Cations	meq/L Value:			

mg/L	Total Alkalinity (as CaCO3)		410	
mg/L	Hydroxide (OH)		71830	
mg/L	Carbonate (CO3)		445	
mg/L	Bicarbonate (HCO3)		440	
mg/L +	Sulfate (SO4)		945	
mg/L +	Chloride (Cl)		940	
45 mg/L	Nitrate (NO3)		71850	
1.4-2.4 mg/L	Fluoride (F) Temp. Depend.		951	
Total Anions	meq/L Value:			

Std Units	pH (Laboratory)		403	
** umho/cm +	Specific Conductance (E.C.)		95	
*** mg/L +	Total Filterable Residue at 180° C (TDS)		70300	
UNITS	Apparent Color (Unfiltered)		81	
TON	Odor Threshold at 60° C		86	
NTU	Lab Turbidity		82079	
0.5 mg/L +	MBAS		38260	

* 250-500-600

** 900-1600-2200

*** 500-1000-1500

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Full Well # 09

TITLE 22 CHEMICAL ANALYSES

Date of Report <u>May 11, 1988</u>		Lab Sample ID Number <u>E-4150</u>	
Laboratory Name <u>Central Coast Analytical Services</u>		Signature Lab Director <i>Mary Harbick</i>	
Name of Sampler <u>Rusty Garing</u>		Sampler Employed By <u>City of Pismo Beach</u>	
Date/Time Sample Collected <u>May 10, 1988 @ 0930</u>	Date/Time Sample Received at Lab. <u>May 10, 1988 @ 0950</u>	Were Holding Times Observed? <u>Yes</u>	
System Name <u>City of Pismo Beach</u>			System Number
Description of Sampling Point <u>Well #9, Raw</u>			
Name/Number of Sample Source		Station Number	
Date and Time of Sample <u>8 8 0 5 1 0 0 9 3 0</u> Y Y M M D D T T T T	Water Type <u>G</u> G/S	User ID	Submitted to SWQIS By

MCL Reporting Units	Constituent	T T	Store Code	Analyses Results
	Analyzing Agency (Laboratory)		28	
mg/L	Total Hardness (as CaCO3)		900	
mg/L	Calcium (Ca)		916	
mg/L	Magnesium (Mg)		927	
mg/L	Sodium (Na)		929	
mg/L	Potassium (K)		937	
Total Cations	meq/L Value:			

mg/L	Total Alkalinity (as CaCO3)		410	
mg/L	Hydroxide (OH)		71830	
mg/L	Carbonate (CO3)		445	
mg/L	Bicarbonate (HCO3)		440	
mg/L +	Sulfate (SO4)		945	
mg/L +	Chloride (Cl)		940	
45 mg/L	Nitrate (NO3)		71850	
1.4-2.4 mg/L	Fluoride (F) Temp. Depend.		951	
Total Anions	meq/L Value:			

Std Units	pH (Laboratory)		403	
** umho/cm +	Specific Conductance (E.C.)		95	
*** mg/L +	Total Filterable Residue at 180° C (TDS)		70300	
UNITS	Apparent Color (Unfiltered)		81	
TON	Odor Threshold at 60° C		86	
NTU	Lab Turbidity		82079	
0.5 mg/L +	MBAS		38260	

* 250-500-600 ** 900-1600-2200 *** 500-1000-1500

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TITLE 22 CHEMICAL ANALYSES

Date of Report May 11, 1988		Lab Sample ID Number E-4151	
Laboratory Name Central Coast Analytical Services		Signature Lab Director <i>Mary Hawlicke</i>	
Name of Sampler Rusty Garing		Sampler Employed By City of Pismo Beach	
Date/Time Sample Collected May 10, 1988 @ 0930	Date/Time Sample Received at Lab. May 10, 1988 @ 0950	Were Holding Times Observed? Yes	
System Name City of Pismo Beach			System Number
Description of Sampling Point Well #9, Filtered			
Name/Number of Sample Source		Station Number	
Date and Time of Sample 8 8 0 5 1 0 0 9 3 0 Y Y M M D D T T T T		Water Type G G/S	User ID
Submitted to SWQIS By			

MCL Reporting Units	Constituent	T T	Storet Code	Analyses Results
	Analyzing Agency (Laboratory)		28	
mg/L	Total Hardness (as CaCO3)		900	
mg/L	Calcium (Ca)		916	
mg/L	Magnesium (Mg)		927	
mg/L	Sodium (Na)		929	
mg/L	Potassium (K)		937	
Total Cations	meq/L Value:			

mg/L	Total Alkalinity (as CaCO3)		410	
mg/L	Hydroxide (OH)		71830	
mg/L	Carbonate (CO3)		445	
mg/L	Bicarbonate (HCO3)		440	
* mg/L +	Sulfate (SO4)		945	
* mg/L +	Chloride (Cl)		940	
45 mg/L	Nitrate (NO3)		71850	
1.4-2.4 mg/L	Fluoride (F) Temp. Depend.		951	
Total Anions	meq/L Value:			

Std Units	pH (Laboratory)		403	
** umho/cm +	Specific Conductance (E.C.)		95	
*** mg/L +	Total Filterable Residue at 180° C (TDS)		70300	
UNITS	Apparent Color (Unfiltered)		81	
TON	Odor Threshold at 60° C		86	
NTU	Lab Turbidity		82079	
0.5 mg/L +	MBAS		38260	

* 250-500-600

** 900-1600-2200

*** 500-1000-1500



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REPORT

*File
Well #9*

TO: Central Coast Analytical Services, Inc.
 141 Suburban Rd., Suite C-4
 San Luis Obispo, CA 93401

Order Number: 5731
Date Received: 9/18/87
Date Reported: 10/2/87

Collected by Robert Garrett
 of CCAS

LAB REFERENCE NUMBER	SAMPLE DATE	DESCRIPTION	TYPE OF ACTIVITY	ACTIVITY PCI/I	ERROR PCI/I	OTHER
5731-1	9/18/87	D-7140-3 Well #10 City of Pismo Beach	alpha	1.89	3.71	
5731-2	9/18/87	D-7141-3 Well #9 City of Pismo Beach	alpha	0.00*	1.10	

*Gross CPM less than background CPM

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TITLE 22 CHEMICAL ANALYSES

Date of Report September 18, 1987		Lab Sample ID Number D-7140	
Laboratory Name Central Coast Analytical Services		Signature, Lab Director <i>Mary Hawley</i>	
Name of Sampler Robert Garrett		Sampler Employed By CCAS - San Luis Obispo	
Date/Time Sample Collected Sept. 11, 1987 @ 1045	Date/Time Sample Received at Lab. Sept. 11, 1987 @ 1105	Were Holding Times Observed? Yes	
System Name City of Pismo Beach			System Number
Description of Sampling Point Well #10			
Name/Number of Sample Source		Station Number	
Date and Time of Sample 8 7 0 9 1 1 1 0 4 5 Y Y M M D D T T T T		Water Type G G/S	User ID _____
Submitted to SWQIS By			

MCL Reporting Units	Constituent	T T	Storet Code	Analyses Results
	Analyzing Agency (Laboratory)		28	
mg/L	Total Hardness (as CaCO3)		900	2 6 0 .
mg/L	Calcium (Ca)		916	5 2 .
mg/L	Magnesium (Mg)		927	3 0 .
mg/L	Sodium (Na)		929	1 5 0 .
mg/L	Potassium (K)		937	4 .
Total Cations	meq/L Value: 11.7			

mg/L	Total Alkalinity (as CaCO3)		410	1 0 0 .
mg/L	Hydroxide (OH)		71830	
mg/L	Carbonate (CO3)		445	
mg/L	Bicarbonate (HCO3)		440	1 0 0 .
mg/L +	Sulfate (SO4)		945	1 2 0 .
mg/L +	Chloride (Cl)		940	2 7 0 .
45 mg/L	Nitrate (NO3)		71850	< 0 . 4
1.4-2.4 mg/L	Fluoride (F) Temp. Depend.		951	1 . 3
Total Anions	meq/L Value: 11.8			

Std Units	pH (Laboratory)		403	6 . 6
** umho/cm +	Specific Conductance (E.C.)		95	1 2 5 0 .
*** mg/L +	Total Filterable Residue at 180° C (TDS)		70300	8 5 0 .
UNITS	Apparent Color (Unfiltered)		81	
TON	Odor Threshold at 60° C		86	
NTU	Lab Turbidity		82079	
0.5 mg/L +	MBAS		38260	< 0 . 0 4

* 250-500-600

** 900-1600-2200

*** 500-1000-1500

SYSTEM NAME AND NUMBER D-7140, City of Pismo Beach

* THE FOLLOWING CONSTITUENTS ARE REPORTED IN UG/L *

MCL Reporting Units		Constituent	T T	Storet Code	Analyses Results			
50	ug/L	Arsenic (As)		1002		7	.	8
1000	ug/L	Barium (Ba)		1007		2	0	.
10	ug/L	Cadmium (Cd)		1027		<	5	.
50	ug/L	Chromium (Total Cr)		1034		<	5	.
1000	ug/L+	Copper (Cu)		1042		<	5	0
300	ug/L+	Iron (Fe)		1045		3	5	0 0 .
50	ug/L	Lead (Pb)		1051		<	5	.
50	ug/L+	Manganese (Mn)		1055		4	2	0 .
2	ug/L	Mercury (Hg)		71900		<	0	. 2
10	ug/L	Selenium (Se)		1147		<	5	.
50	ug/L	Silver (Ag)		1077		<	5	.
5000	ug/L	Zinc (Zn)		1092		<	5	0 .

ORGANIC CHEMICALS

0.2	ug/L	Endrin		39390					
4	ug/L	Lindane		39340					
100	ug/L	Methoxychlor		39480					
5	ug/L	Toxaphene		39400					
100	ug/L	2, 4-D		39730					
10	ug/L	2, 4, 5-TP Silvex		39045					
Date ORGANIC Analyses Completed				73672					

Y Y M M D D

ADDITIONAL ANALYSES

NTU	Field Turbidity		82078					
C	Source Temperature		10					
	Langelier Index Source Temp.		71814					
	Langelier Index at 60° C		71813					
Std. Units	Field pH		00400					
	Aggressiveness Index		82383					
mg/L	Silica		00955					
mg/L	Phosphate		00650					
mg/L	Iodide		71865					
	Sodium Absorption Ratio		00931					
	Asbestos		81855					
mg/l	Sulfide					0	.	2
mg/l	Nitrogen, Nitrate				<	0	.	1

+ indicates Secondary Drinking Water Standards

MH/ke

CC: Garing & Taylor

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**PURGEABLE ORGANIC ANALYSES
(Volatiles)**

Date of Report: September 23, 1987 Lab Sample ID No. D-7140
 Laboratory Signature Lab
 Name: Central Coast Analytical Services Director: May Horvick
 Name of Robert Garrett Sampler
 Sampler: Robert Garrett Employed By: CCAS
 Date/Time Sample 9/11/87 @ 1045 Date/Time Sample 9/11/87 @ 1200 Were Holding
 Collected: 9/11/87 @ 1045 Received @ Lab: 9/11/87 @ 1200 Times Observed? Yes
 Test Methods: EPA METHOD 624 Were all the constituents listed below quantified? Yes

=====
 System Name: City of Pismo Beach System Number: _____
 Description of City of Pismo Beach _____
 Sampling Point: Well #10, Water County Name: _____
 Name/No. Of Sample _____ Station _____
 Source: _____ Number: _____
 Date & Time of Sample: 8|7|09|11|10|45 Water G User _____ Submitted to SWQIS
 Sample: Y Y M M D D T T T T Type: G/S ID: _____ By: _____

Place an "X" in box to delete all data for this station/date/time.

REPORTING UNITS	CONSTITUENT	T T	STORET CODE	ANALYSES RESULTS	DETECTION LIMIT
	Date Analyses Completed		73672	8 7 09 2 3 Y Y M M D D	
	Analyzing Agency Code (Lab)		28		
	Intensive Survey Number		116		
ug/L	Benzene		34030	N . D . .	0 . 5 0
ug/L	Bromodichloromethane		32101	N . D . .	0 . 5 0
ug/L	Bromoform		32104	N . D . .	0 . 5 0
ug/L	Bromomethane		34413	N . D . .	0 . 5 0
ug/L	Carbon tetrachloride		32102	N . D . .	0 . 5 0
ug/L	Chlorobenzene		34301	N . D . .	0 . 5 0
ug/L	Chloroethane		34311	N . D . .	0 . 5 0
ug/L	2-Chloroethylvinyl ether		34576	N . D . .	1 . 0 0
ug/L	Chloroform		32106	N . D . .	0 . 5 0
ug/L	Chloromethane		34418	N . D . .	0 . 5 0
ug/L	bis (2-Chloroethyl) ether		34273	N . D . .	5 . 0 0
ug/L	Dibromochloromethane		32105	N . D . .	0 . 5 0
ug/L	1,2-Dichlorobenzene		34536	N . D . .	0 . 5 0
ug/L	1,3-Dichlorobenzene		34566	N . D . .	0 . 5 0
ug/L	1,4-Dichlorobenzene		34571	N . D . .	0 . 5 0
ug/L	Dichlorodifluoromethane		34668	N . D . .	0 . 5 0
ug/L	1,1-Dichloroethane (1,1-DCA)		34496	N . D . .	0 . 5 0
ug/L	1,2-Dichloroethane (1,2-DCA)		34531	N . D . .	0 . 5 0
ug/L	1,1-Dichloroethene (1,1-DCE)		34501	N . D . .	0 . 2 0
ug/L	trans-1,2-Dichloroethene		34546	N . D . .	0 . 5 0

SYSTEM NAME & NUMBER City of Pismo Beach D-7140

REPORTING UNITS	CONSTITUENT	T T	STORET CODE	ANALYSES RESULTS	DETECTION LIMIT
ug/L	1,2-Dichloropropane		34541	N . D . .	0 . 5 0
ug/L	cis-1,3-Dichloropropene		34704	N . D . .	0 . 5 0
ug/L	trans-1,3-Dichloropropene		34699	N . D . .	0 . 5 0
ug/L	Ethyl benzene		34371	N . D . .	0 . 5 0
ug/L	Methylene chloride		34423	N . D . .	0 . 5 0
ug/L	Methyl Ethyl Ketone		81595	N . D . .	1 . 0 0
ug/L	Methyl Isobutyl Ketone		81596	N . D . .	1 . 0 0
ug/L	1,1,2,2-Tetrachloroethane		34516	N . D . .	0 . 5 0
ug/L	Tetrachloroethene (PCE)		34475	N . D . .	0 . 5 0
ug/L	Toluene		34010	N . D . .	0 . 5 0
ug/L	1,1,1-Trichloroethane		34506	N . D . .	0 . 5 0
ug/L	1,1,2-Trichloroethane		34511	N . D . .	0 . 5 0
ug/L	Trichloroethane (TCE)		39180	N . D . .	0 . 5 0
ug/L	Trichlorofluoromethane		34488	N . D . .	0 . 5 0
ug/L	Vinyl chloride		39175	N . D . .	1 . 0 0
ug/L	Xylenes		81551	N . D . .	0 . 5 0
ug/L	Total Trihalomethanes		82080	N . D . .	0 . 5 0
ug/L	Acetone			N . D . .	1 0 .
ug/L	2- Hexanone			N . D . .	5 .
ug/L	Styrene			N . D . .	5 .
ug/L	Vinyl Acetate			N . D . .	1 .
mg/L	Total Organic Carbon			< 0 . . 5	

Note any unidentified peaks below.

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TITLE 22 CHEMICAL ANALYSES

Date of Report September 18, 1987		Lab Sample ID Number D-7141	
Laboratory Name Central Coast Analytical Services		Signature Lab Director <i>Mary Havelicik</i>	
Name of Sampler Robert Garrett		Sampler Employed By CCAS - San Luis Obispo	
Date/Time Sample Collected Sept. 11, 1987 @ 1100	Date/Time Sample Received at Lab. Sept. 11, 1987 @ 1105	Were Holding Times Observed? Yes	
System Name City of Pismo Beach			System Number
Description of Sampling Point Well #9			
Name/Number of Sample Source		Station Number	
Date and Time of Sample 8 7 0 9 1 1 1 1 0 0 Y Y M M D D T T T T	Water Type G G/S	User ID	Submitted to SWQIS By

MCL Reporting Units	Constituent	T T	Store Code	Analyses Results
	Analyzing Agency (Laboratory)		28	
mg/L	Total Hardness (as CaCO3)		900	1 6 0 .
mg/L	Calcium (Ca)		916	3 7 .
mg/L	Magnesium (Mg)		927	1 6 .
mg/L	Sodium (Na)		929	1 3 0 .
mg/L	Potassium (K)		937	3 .
Total Cations	meq/L Value:			8.9

mg/L	Total Alkalinity (as CaCO3)		410	9 0 .
mg/L	Hydroxide (OH)		71830	
mg/L	Carbonate (CO3)		445	
mg/L	Bicarbonate (HCO3)		440	9 0 .
mg/L +	Sulfate (SO4)		945	3 5 .
mg/L +	Chloride (Cl)		940	2 2 0 .
45 mg/L	Nitrate (NO3)		71850	< 0 . 4
1.4-2.4 mg/L	Fluoride (F) Temp. Depend.		951	1 . 2
Total Anions	meq/L Value:			8.5

Std Units	pH (Laboratory)		403	6 . 5
** umho/cm +	Specific Conductance (E.C.)		95	9 0 0 .
*** mg/L +	Total Filterable Residue at 180° C (TDS)		70300	6 4 0 .
UNITS	Apparent Color (Unfiltered)		81	
TON	Odor Threshold at 60° C		86	
NTU	Lab Turbidity		82079	
0.5 mg/L +	MBAS		38260	< 0 . 0 4

* 250-500-600

** 900-1600-2200

*** 500-1000-1500

SYSTEM NAME AND NUMBER: D-7141, City of Pismo Beach

• THE FOLLOWING CONSTITUENTS ARE REPORTED IN UG/L •

MCL Reporting Units	Constituent	T	Store Code	Analyses Results
50 ug/L	Arsenic (As)		1002	6 . 4
1000 ug/L	Barium (Ba)		1007	2 0 .
10 ug/L	Cadmium (Cd)		1027	
50 ug/L	Chromium (Total Cr)		1034	< 5 .
1000 ug/L+	Copper (Cu)		1042	< 5 0 .
300 ug/L+	Iron (Fe)		1045	2 5 0 0 .
50 ug/L	Lead (Pb)		1051	< 5 .
50 ug/L+	Manganese (Mn)		1055	3 0 0 .
2 ug/L	Mercury (Hg)		71900	< 0 . 2
10 ug/L	Selenium (Se)		1147	< 5 .
50 ug/L	Silver (Ag)		1077	< 5 .
5000 ug/L	Zinc (Zn)		1092	6 0 .

ORGANIC CHEMICALS

0.2 ug/L	Endrin		39390	
4 ug/L	Lindane		39340	
100 ug/L	Methoxychlor		39480	
5 ug/L	Toxaphene		39400	
100 ug/L	2, 4-D		39730	
10 ug/L	2, 4, 5-TP Silvex		39045	
Date ORGANIC Analyses Completed			73672	

Y Y M M D D

ADDITIONAL ANALYSES

NTU	Field Turbidity		82078	
C	Source Temperature		10	
	Langelier Index Source Temp.		71814	
	Langelier Index at 60° C		71813	
Std. Units	Field pH		00400	
	Aggressiveness Index		82383	
mg/L	Silica		00955	
mg/L	Phosphate		00650	
mg/L	Iodide		71865	
	Sodium Absorption Ratio		00931	
	Asbestos		81855	
mg/l	Sulfide			< 0 . 1
mg/l	Nitrogen, Nitrate			< 0 . 1

+ indicates Secondary Drinking Water Standards

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**PURGEABLE ORGANIC ANALYSES
(Volatiles)**

Date of Report: September 23, 1987 Lab Sample ID No. D-7141
 Laboratory Central Coast Analytical Services Signature Lab _____
 Name of Director: Robert Garrett *May Harlick*
 Name of Sampler _____
 Sampler: Robert Garrett Employed By: CCAS
 Date/Time Sample 9/11/87 @ 1100 Date/Time Sample 9/11/87 @ 1200 Were Holding _____
 Collected: 9/11/87 @ 1100 Received @ Lab: 9/11/87 @ 1200 Times Observed? Yes
 Test Methods: EPA METHOD 624 Were all the constituents listed below quantified? Yes

=====
 System Name: City of Pismo Beach System Number: _____
 Description of City of Pismo Beach
 Sampling Point: Well #9, Water County Name: _____
 Name/No. Of Sample _____ Station _____
 Source: _____ Number: _____
 Date & Time of Sample: 8|7|0|9|1|1|1|0|0 Water User Submitted to SWQIS
 Sample: Y Y M M D D T T T T Type: G/S ID: _____ By: _____

Place an "X" in box to delete all data for this station/date/time.

REPORTING UNITS	CONSTITUENT	T T	STORET CODE	ANALYSES RESULTS	DETECTION LIMIT
	Date Analyses Completed		73672	8 7 0 9 2 3 Y Y M M D D	
	Analyzing Agency Code (Lab)		28		
	Intensive Survey Number		116		
ug/L	Benzene		34030	N . D . .	0 . 5 0
ug/L	Bromodichloromethane		32101	N . D . .	0 . 5 0
ug/L	Bromoform		32104	N . D . .	0 . 5 0
ug/L	Bromomethane		34413	N . D . .	0 . 5 0
ug/L	Carbon tetrachloride		32102	N . D . .	0 . 5 0
ug/L	Chlorobenzene		34301	N . D . .	0 . 5 0
ug/L	Chloroethane		34311	N . D . .	0 . 5 0
ug/L	2-Chloroethylvinyl ether		34576	N . D . .	1 . 0 0
ug/L	Chloroform		32106	N . D . .	0 . 5 0
ug/L	Chloromethane		34418	N . D . .	0 . 5 0
ug/L	bis (2-Chloroethyl) ether		34273	N . D . .	5 . 0 0
ug/L	Dibromochloromethane		32105	N . D . .	0 . 5 0
ug/L	1,2-Dichlorobenzene		34536	N . D . .	0 . 5 0
ug/L	1,3-Dichlorobenzene		34566	N . D . .	0 . 5 0
ug/L	1,4-Dichlorobenzene		34571	N . D . .	0 . 5 0
ug/L	Dichlorodifluoromethane		34668	N . D . .	0 . 5 0
ug/L	1,1-Dichloroethane (1,1-DCA)		34496	N . D . .	0 . 5 0
ug/L	1,2-Dichloroethane (1,2-DCA)		34531	N . D . .	0 . 5 0
ug/L	1,1-Dichloroethene (1,1-DCE)		34501	N . D . .	0 . 2 0
ug/L	trans-1,2-Dichloroethene		34546	N . D . .	0 . 5 0

SYSTEM NAME & NUMBER City of Pismo Beach D-7141

REPORTING UNITS	CONSTITUENT	T T	STORET CODE	ANALYSES RESULTS	DETECTION LIMIT
ug/L	1,2-Dichloropropane		34541	N . D . .	0 . 5 0
ug/L	cis-1,3-Dichloropropene		34704	N . D . .	0 . 5 0
ug/L	trans-1,3-Dichloropropene		34699	N . D . .	0 . 5 0
ug/L	Ethyl benzene		34371	N . D . .	0 . 5 0
ug/L	Methylene chloride		34423	N . D . .	0 . 5 0
ug/L	Methyl Ethyl Ketone		81595	N . D . .	1 . 0 0
ug/L	Methyl Isobutyl Ketone		81596	N . D . .	1 . 0 0
ug/L	1,1,2,2-Tetrachloroethane		34516	N . D . .	0 . 5 0
ug/L	Tetrachloroethene (PCE)		34475	N . D . .	0 . 5 0
ug/L	Toluene		34010	N . D . .	0 . 5 0
ug/L	1,1,1-Trichloroethane		34506	N . D . .	0 . 5 0
ug/L	1,1,2-Trichloroethane		34511	N . D . .	0 . 5 0
ug/L	Trichloroethane (TCE)		39180	N . D . .	0 . 5 0
ug/L	Trichlorofluoromethane		34488	N . D . .	0 . 5 0
ug/L	Vinyl chloride		39175	N . D . .	1 . 0 0
ug/L	Xylenes		81551	N . D . .	0 . 5 0
ug/L	Total Trihalomethanes		82080	N . D . .	0 . 5 0
ug/L	Acetone			N . D . .	1 0 .
ug/L	2-Hexanone			N . D . .	5 .
ug/L	Styrene			N . D . .	1 .
ug/L	Vinyl Acetate			N . D . .	1 .
mg/L	Total Organic Carbon			< 0 . . 5	

Note any unidentified peaks below.

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(805) 964-7838

**PURGEABLE ORGANIC ANALYSES
(Volatiles)**

Date of Report: September 23, 1987 Lab Sample ID No. D-7142
 Laboratory Signature Lab
 Name: Central Coast Analytical Services Director: *Mary A. Roberts*
 Name of Sampler Robert Garrett
 Sampler: Robert Garrett Employed By: CCAS
 Date/Time Sample Date/Time Sample Were Holding
 Collected: 9/11/87 @ 1105 Received @ Lab: 9/11/87 @ 1200 Times Observed? Yes
 Test Methods: EPA METHOD 624 Were all the constituents listed below quantified? Yes

=====
 System Name: City of Pismo Beach System Number:
 Description of City of Pismo Beach
 Sampling Point: Travel Blank TB091187REG01 County Name:
 Name/No. Of Sample Station
 Source: Number:
 Date & Time of 8 | 7 | 0 | 9 | 1 | 1 | 1 | 0 | 5 Water User Submitted to SWQIS
 Sample: Y Y M M D D T T T T Type: G/S ID: By:

Place an "X" in box to delete all data for this station/date/time.

REPORTING UNITS	CONSTITUENT	T T	STORET CODE	ANALYSES RESULTS	DETECTION LIMIT
	Date Analyses Completed		73672	8 7 0 9 1 1 1	
				Y Y M M D D	
	Analyzing Agency Code (Lab)		28		
	Intensive Survey Number		116		
ug/L	Benzene		34030	N . D . .	0 . 5 0 0
ug/L	Bromodichloromethane		32101	N . D . .	0 . 5 0 0
ug/L	Bromoform		32104	N . D . .	0 . 5 0 0
ug/L	Bromomethane		34413	N . D . .	0 . 5 0 0
ug/L	Carbon tetrachloride		32102	N . D . .	0 . 5 0 0
ug/L	Chlorobenzene		34301	N . D . .	0 . 5 0 0
ug/L	Chloroethane		34311	N . D . .	0 . 5 0 0
ug/L	2-Chloroethylvinyl ether		34576	N . D . .	1 . 0 0 0
ug/L	Chloroform		32106	N . D . .	0 . 5 0 0
ug/L	Chloromethane		34418	N . D . .	0 . 5 0 0
ug/L	bis (2-Chloroethyl) ether		34273	N . D . .	5 . 0 0 0
ug/L	Dibromochloromethane		32105	N . D . .	0 . 5 0 0
ug/L	1,2-Dichlorobenzene		34536	N . D . .	0 . 5 0 0
ug/L	1,3-Dichlorobenzene		34566	N . D . .	0 . 5 0 0
ug/L	1,4-Dichlorobenzene		34571	N . D . .	0 . 5 0 0
ug/L	Dichlorodifluoromethane		34668	N . D . .	0 . 5 0 0
ug/L	1,1-Dichloroethane (1,1-DCA)		34496	N . D . .	0 . 5 0 0
ug/L	1,2-Dichloroethane (1,2-DCA)		34531	N . D . .	0 . 5 0 0
ug/L	1,1-Dichloroethene (1,1-DCE)		34501	N . D . .	0 . 2 0 0
ug/L	trans-1,2-Dichloroethene		34546	N . D . .	0 . 5 0 0

SYSTEM NAME & NUMBER City of Pismo Beach D-7142

REPORTING UNITS	CONSTITUENT	T T	STORET CODE	ANALYSES RESULTS	DETECTION LIMIT
ug/L	1,2-Dichloropropane		34541	N . D . .	0 . 5 0
ug/L	cis-1,3-Dichloropropene		34704	N . D . .	0 . 5 0
ug/L	trans-1,3-Dichloropropene		34699	N . D . .	0 . 5 0
ug/L	Ethyl benzene		34371	N . D . .	0 . 5 0
ug/L	Methylene chloride		34423	N . D . .	0 . 5 0
ug/L	Methyl Ethyl Ketone		81595	N . D . .	1 . 0 0
ug/L	Methyl Isobutyl Ketone		81596	N . D . .	1 . 0 0
ug/L	1,1,2,2-Tetrachloroethane		34516	N . D . .	0 . 5 0
ug/L	Tetrachloroethene (PCE)		34475	N . D . .	0 . 5 0
ug/L	Toluene		34010	N . D . .	0 . 5 0
ug/L	1,1,1-Trichloroethane		34506	N . D . .	0 . 5 0
ug/L	1,1,2-Trichloroethane		34511	N . D . .	0 . 5 0
ug/L	Trichloroethane (TCE)		39180	N . D . .	0 . 5 0
ug/L	Trichlorofluoromethane		34488	N . D . .	0 . 5 0
ug/L	Vinyl chloride		39175	N . D . .	1 . 0 0
ug/L	Xylenes		81551	N . D . .	0 . 5 0
ug/L	Total Trihalomethanes		82080	N . D . .	0 . 5 0
ug/L	Acetone			N . D . .	1 0 .
ug/L	2-Hexanone			N . D . .	5 .
ug/L	Styrene			N . D . .	1 .
ug/L	Vinyl Acetate			N . D . .	1 .

Note any unidentified peaks below.

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WATER ANALYSIS# D-714

CHECKLIST:

MCL refers to Maximum Contaminant Level as given in Title 22, Domestic Water Quality Standards, California Administrative Code 1977. The full text can be reviewed in our library. Only those constituents listed under "Inorganic Chemicals" have potential toxic effects when above MCL. All of the other constituents (when above the MCL) may contribute to some unacceptable characteristic to the majority of users. NL means "not listed", in other words, no MCL was given in reference, so any level would be acceptable. Space is blank if test was not done.

The methods for analysis have been indicated. The methods are published by the U.S.E.P.A. in 40CFR136. The detection limit indicated is the least amount of a substance that can be found by the test method.

GENERAL MINERAL	EPA METHOD	DETECTION LIMIT	MCL mg/l	LEVEL FOUND below/above
Calcium	200.7	0.01	NL	OK
Magnesium	200.7	0.01	NL	OK
Sodium	200.7	0.01	NL	OK
Alkalinity	310.1	1.	NL	OK
Iron	236.1	0.02	0.3	
	200.7	0.05	0.3	X
Manganese	243.1	0.005	0.05	
	200.7	0.02	0.05	X
Copper	200.7	0.05	1.0	X
	220.1	0.04	1.0	
Zinc	200.7	0.05	5.0	X
	289.1	0.04	5.0	
MBAS	425.1	0.04	0.5	X

INORGANIC CHEMICALS	EPA METHOD	DETECTION LIMIT	MCL mg/l	LEVEL FOUND below/above
Fluoride	300.0	0.01	1.8	X
Nitrate				
Nitrogen	300.0	0.1	10.	X
Nitrate(NO3)Calc.		0.4	45.	✓
Arsenic	206.3	0.005	0.05	X
Barium	200.7	0.01	1.0	X
	208.1	0.1	1.0	
Cadmium	213.2	0.001	0.010	X
Chromium	218.1	0.005	0.05	X
Lead	239.2	0.005	0.05	X
Mercury	245.1	0.0002	0.002	X
Selenium	270.3	0.005	0.01	X
	270.2	0.005	0.01	
Silver	272.1	0.01	0.05	X

GENERAL PHYSICAL	EPA METHOD	DETECTION LIMIT	MCL UNITS	LEVEL FOUND below/above
Color	110.2	5.	15.	
Odor	140.1	1.	3	
Turbidity	180.1	0.01	5.	

MINERALIZATION	maximum contaminant level ()					
	EPA	DL	Recommended	Upper	Short Term	Above
Conductance, micromhos	120.1	5.	(900)	X (1600)	(2200)	
Dissolved Solids, Total mg/l	160.1	5.	(500)	X (1000)	(1500)	
Chloride, mg/l	300.0	1.	(250)	X (600)	(600)	
Sulfate, mg/l	300.0	1.	X (250)	(500)	(600)	

HARDNESS is due primarily to calcium and magnesium. When water is "softened" sodium replaces both elements. Persons on low-sodium diets may want to avoid soft water; also, plants do better with hard water. Hard water tends to increase scale formation and subsequent heat loss in boilers and water heaters. Soft water may decrease laundry costs and it may also be more corrosive. Test is done by EPA Method 130.2 and has a detection limit of 1. mg/l.

Hardness on this sample: soft (up to 100mg/l) moderately hard (100-200) X very hard (over 200)
(grains per gallon) (up to 6) (6 through 12) X (over 12)

REMARKS:

*Well # 10
9/11/87*

Mary Hawcutt

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WATER ANALYSIS# D-7141

CHECKLIST:

MCL refers to Maximum Contaminant Level as given in Title 22, Domestic Water Quality Standards, California Administrative Code 1977. The full text can be reviewed in our library. Only those constituents listed under "Inorganic Chemicals" have potential toxic effects when above MCL. All of the other constituents (when above the MCL) may contribute to some unacceptable characteristic to the majority of users. NL means "not listed", in other words, no MCL was given in reference, so any level would be acceptable. Space is blank if test was not done.

The methods for analysis have been indicated. The methods are published by the U.S.E.P.A. in 40CFR136. The detection limit indicated is the least amount of a substance that can be found by the test method.

GENERAL MINERAL	EPA METHOD	DETECTION LIMIT	MCL mg/l	LEVEL FOUND below/above
Calcium	200.7	0.01	NL	OK
Magnesium	200.7	0.01	NL	OK
Sodium	200.7	0.01	NL	OK
Alkalinity	310.1	1.	NL	OK
Iron	236.1	0.02	0.3	
	200.7	0.05	0.3	X
Manganese	243.1	0.005	0.05	X
	200.7	0.02	0.05	X
Copper	200.7	0.05	1.0	X
	220.1	0.04	1.0	
Zinc	200.7	0.05	5.0	X
	289.1	0.04	5.0	
MBAS	425.1	0.04	0.5	X

INORGANIC CHEMICALS	EPA METHOD	DETECTION LIMIT	MCL mg/l	LEVEL FOUND below/above
Fluoride	300.0	0.01	1.8	X
Nitrate				
Nitrogen	300.0	0.1	10.	X
Nitrate(NO3) Calc.		0.4	45.	X
Arsenic	206.3	0.005	0.05	X
Barium	200.7	0.01	1.0	X
	208.1	0.1	1.0	
Cadmium	213.2	0.001	0.010	X
Chromium	218.1	0.005	0.05	X
Lead	239.2	0.005	0.05	X
Mercury	245.1	0.0002	0.002	X
Selenium	270.3	0.005	0.01	X
	270.2	0.005	0.01	
Silver	272.1	0.01	0.05	X

GENERAL PHYSICAL	EPA METHOD	DETECTION LIMIT	MCL UNITS	LEVEL FOUND below/above
Color	110.2	5.	15.	
Odor	140.1	1.	3	
Turbidity	180.1	0.01	5.	

MINERALIZATION	maximum contaminant level ()					
	EPA	DL	Recommended	Upper	Short Term	Above
Conductance, micromhos	120.1	5.	X (900)	(1600)	(2200)	
Dissolved Solids, Total mg/l	160.1	5.	(500)	X (1000)	(1500)	
Chloride, mg/l	300.0	1.	X (250)	(600)	(600)	
Sulfate, mg/l	300.0	1.	X (250)	(500)	(600)	

HARDNESS is due primarily to calcium and magnesium. When water is "softened" sodium replaces both elements. Persons on low-sodium diets may want to avoid soft water; also, plants do better with hard water. Hard water tends to increase scale formation and subsequent heat loss in boilers and water heaters. Soft water may decrease laundry costs and it may also be more corrosive. Test is done by EPA Method 130.2 and has a detection limit of 1. mg/l.

Hardness on this sample: soft (up to 100mg/l) X moderately hard (100-200) very hard (over 200) (grains per gallon) (up to 6) X (6 through 12) (over 12)

REMARKS:

Well #9
9/11/87

Mary Hawbert



2955 Kerner Blvd. • P.O. Box 9167 • San Rafael, CA 94912-9167
Telephone: (415) 457-8460 • Telex: 171494

REPORT

File 10/2/87
RECEIVED OCT 15 1987

TO: Central Coast Analytical Services, Inc.
141 Suburban Rd., Suite C-4
San Luis Obispo, CA 93401

Order Number: 5731
Date Received: 9/18/87
Date Reported: 10/2/87

Collected by Robert Garrett
of CCAS

LAB REFERENCE NUMBER	SAMPLE DATE	DESCRIPTION	TYPE OF ACTIVITY	ACTIVITY PCI/1	ERROR PCI/1	OTHER
5731-1	9/18/87	D-7140-3 Well #10 City of Pismo Beach	alpha	1.89	3.71	
5731-2	9/18/87	D-7141-3 Well #9 City of Pismo Beach	alpha	0.00*	1.10	
*Gross CPM less than background CPM						
SCOTT LABORATORIES, INC.						
<i>Kent H. Sakato</i> KENT H. SAKATO CHEMIST						

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TITLE 22 CHEMICAL ANALYSES

Date of Report September 18, 1987		Lab Sample ID Number D-7140	
Laboratory Name Central Coast Analytical Services		Signature Lab Director <i>Mary Hawley</i>	
Name of Sampler Robert Garrett		Sampler Employed By CCAS - San Luis Obispo	
Date/Time Sample Collected Sept. 11, 1987 @ 1045	Date/Time Sample Received at Lab. Sept. 11, 1987 @ 1105	Were Holding Times Observed? Yes	
System Name City of Pismo Beach			System Number
Description of Sampling Point Well #10			
Name/Number of Sample Source		Station Number	
Date and Time of Sample 8 7 0 9 1 1 1 0 4 5 Y Y M M D D T T T T		Water Type G G/S	User ID _____
Submitted to SWQIS By			

MCL Reporting Units	Constituent	T T	Storet Code	Analyses Results			
	Analyzing Agency (Laboratory)		28				
mg/L	Total Hardness (as CaCO3)		900	✓	2	6	0 .
mg/L	Calcium (Ca)		916	✓		5	2 .
mg/L	Magnesium (Mg)		927	✓		3	0 .
mg/L	Sodium (Na)		929	✓	1	5	0 .
mg/L	Potassium (K)		937				4 .
Total Cations	meq/L Value:						11.7

mg/L	Total Alkalinity (as CaCO3)		410	✓	1	0	0 .
mg/L	Hydroxide (OH)		71830				
mg/L	Carbonate (CO3)		445				
mg/L	Bicarbonate (HCO3)		440		1	0	0 .
mg/L +	Sulfate (SO4)		945	✓	1	2	0 .
mg/L +	Chloride (Cl)		940	✓	2	7	0 .
45 mg/L	Nitrate (NO3)		71850				< 0 . 4
1.4-2.4 mg/L	Fluoride (F) Temp. Depend.		951	✓			1 . 3
Total Anions	meq/L Value:						11.8

Std Units	pH (Laboratory)		403	✓			6 . 6
** umho/cm +	Specific Conductance (E.C.)		95	✓	1	2	5 0 .
*** mg/L +	Total Filterable Residue at 180° C (TDS)		70300		8	5	0 .
UNITS	Apparent Color (Unfiltered)		81				
TON	Odor Threshold at 60° C		86				
NTU	Lab Turbidity		82079				
0.5 mg/L +	MBAS		38260				< 0 . 0 4

* 250-500-600

** 900-1600-2200

*** 500-1000-1500

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(805) 804 7000

PURGEABLE ORGANIC ANALYSES
(Volatiles)

Date of Report: September 23, 1987 Lab Sample ID No. D-7140
 Laboratory Signature Lab
 Name: Central Coast Analytical Services Director: *M. J. Swick*
 Name of Robert Garrett Sampler
 Sampler: Robert Garrett Employed By: CCAS
 Date/Time Sample 9/11/87 @ 1045 Date/Time Sample 9/11/87 @ 1200 Were Holding
 Collected: 9/11/87 @ 1045 Received @ Lab: 9/11/87 @ 1200 Times Observed? Yes
 Test Methods: EPA METHOD 624 Were all the constituents listed below quantified? Yes

System Name: City of Pismo Beach System Number: _____
 Description of City of Pismo Beach _____
 Sampling Point: Well #10, Water County Name: _____
 Name/No. Of Sample _____ Station Number: _____
 Source: _____
 Date & Time of Sample: 8|7|0|9|1|1|1|0|4|5 Water G User _____ Submitted to SWQIS
 Sample: Y Y M M D D T T T T Type: G/S ID: _____ By: _____

Place an "X" in box to delete all data for this station/date/time.

REPORTING UNITS	CONSTITUENT	T	STORET CODE	ANALYSES RESULTS	DETECTION LIMIT
	Date Analyses Completed		73672	8 7 0 9 2 3 Y Y M M D D	
	Analyzing Agency Code (Lab)		28		
	Intensive Survey Number		116		
ug/L	Benzene		34030	N . D .	0 . 5 0
ug/L	Bromodichloromethane		32101	N . D .	0 . 5 0
ug/L	Bromoform		32104	N . D .	0 . 5 0
ug/L	Bromomethane		34413	N . D .	0 . 5 0
ug/L	Carbon tetrachloride		32102	N . D .	0 . 5 0
ug/L	Chlorobenzene		34301	N . D .	0 . 5 0
ug/L	Chloroethane		34311	N . D .	0 . 5 0
ug/L	2-Chloroethylvinyl ether		34576	N . D .	1 . 0 0
ug/L	Chloroform		32106	N . D .	0 . 5 0
ug/L	Chloromethane		34418	N . D .	0 . 5 0
ug/L	bis (2-Chloroethyl) ether		34273	N . D .	5 . 0 0
ug/L	Dibromochloromethane		32105	N . D .	0 . 5 0
ug/L	1,2-Dichlorobenzene		34536	N . D .	0 . 5 0
ug/L	1,3-Dichlorobenzene		34566	N . D .	0 . 5 0
ug/L	1,4-Dichlorobenzene		34571	N . D .	0 . 5 0
ug/L	Dichlorodifluoromethane		34668	N . D .	0 . 5 0
ug/L	1,1-Dichloroethane (1,1-DCA)		34496	N . D .	0 . 5 0
ug/L	1,2-Dichloroethane (1,2-DCA)		34531	N . D .	0 . 5 0
ug/L	1,1-Dichloroethene (1,1-DCE)		34501	N . D .	0 . 2 0
ug/L	trans-1,2-Dichloroethene		34546	N . D .	0 . 5 0

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TITLE 22 CHEMICAL ANALYSES

Date of Report September 18, 1987		Lab Sample ID Number D-7141	
Laboratory Name Central Coast Analytical Services		Signature Lab Director <i>Mary Haulicik</i>	
Name of Sampler Robert Garrett		Sampler Employed By CCAS - San Luis Obispo	
Date/Time Sample Collected Sept. 11, 1987 @ 1100	Date/Time Sample Received at Lab. Sept. 11, 1987 @ 1105	Were Holding Times Observed? Yes	
System Name City of Pismo Beach			System Number
Description of Sampling Point Well #9			
Name/Number of Sample Source		Station Number	
Date and Time of Sample 8 7 0 9 1 1 1 1 0 0 Y Y M M D D T T T T		Water Type G G/S	User ID
Submitted to SWQIS By			

MCL Reporting Units	Constituent	T T	Storet Code	Analyses Results
	Analyzing Agency (Laboratory)		28	
mg/L	Total Hardness (as CaCO3)		900	✓ 1 6 0 .
mg/L	Calcium (Ca)		916	✓ 3 7 .
mg/L	Magnesium (Mg)		927	✓ 1 6 .
mg/L	Sodium (Na)		929	✓ 1 3 0 .
mg/L	Potassium (K)		937	3 .
Total Cations	meq/L Value:		8.9	

mg/L	Total Alkalinity (as CaCO3)		410	✓ 9 0 .
mg/L	Hydroxide (OH)		71830	
mg/L	Carbonate (CO3)		445	
mg/L	Bicarbonate (HCO3)		440	9 0 .
mg/L +	Sulfate (SO4)		945	✓ 3 5 .
mg/L +	Chloride (Cl)		940	✓ 2 2 0 .
45 mg/L	Nitrate (NO3)		71850	< 0 . 4
1.4-2.4 mg/L	Fluoride (F) Temp. Depend.		951	✓ 1 . 2
Total Anions	meq/L Value:		8.5	

Std Units	pH (Laboratory)		403	✓ 6 . 5
** umho/cm +	Specific Conductance (E.C.)		95	✓ 9 0 0 .
*** mg/L +	Total Filterable Residue at 180° C (TDS)		70300	✓ 6 4 0 .
UNITS	Apparent Color (Unfiltered)		81	
TON	Odor Threshold at 60° C		86	
NTU	Lab Turbidity		82079	
0.5 mg/L +	MBAS		38260	✓ < 0 . 0 4

* 250-500-600

** 900-1600-2200

*** 500-1000-1500

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**PURGEABLE ORGANIC ANALYSES
(Volatiles)**

Date of Report: September 23, 1987 Lab Sample ID No. D-7141
 Laboratory Signature Lab
 Name: Central Coast Analytical Services Director: Wally Havelick
 Name of Robert Garrett Sampler
 Sampler: Robert Garrett Employed By: CCAS
 Date/Time Sample 9/11/87 @ 1100 Date/Time Sample 9/11/87 @ 1200 Were Holding
 Collected: 9/11/87 @ 1100 Received @ Lab: 9/11/87 @ 1200 Times Observed? Yes
 Test Methods: EPA METHOD 624 Were all the constituents listed below quantified? Yes

System Name: City of Pismo Beach System Number: _____
 Description of City of Pismo Beach
 Sampling Point: Well #9, Water County Name: _____
 Name/No. Of Sample _____ Station _____
 Source: _____ Number: _____
 Date & Time of Sample: 8|7|09|1|1|1|0|0 Water G User _____ Submitted to SWQIS
 Sample: Y Y M M D D T T T T Type: G/S ID: _____ By: _____

Place an "X" in box to delete all data for this station/date/time.

REPORTING UNITS	CONSTITUENT	T T	STORET CODE	ANALYSES RESULTS	DETECTION LIMIT
	Date Analyses Completed		73672	8 7 09 2 3 Y Y M M D D	
	Analyzing Agency Code (Lab)		28		
	Intensive Survey Number		116		
ug/L	Benzene		34030	N . D . .	0 . 5 0
ug/L	Bromodichloromethane		32101	N . D . .	0 . 5 0
ug/L	Bromoform		32104	N . D . .	0 . 5 0
ug/L	Bromomethane		34413	N . D . .	0 . 5 0
ug/L	Carbon tetrachloride		32102	N . D . .	0 . 5 0
ug/L	Chlorobenzene		34301	N . D . .	0 . 5 0
ug/L	Chloroethane		34311	N . D . .	0 . 5 0
ug/L	2-Chloroethylvinyl ether		34576	N . D . .	1 . 0 0
ug/L	Chloroform		32106	N . D . .	0 . 5 0
ug/L	Chloromethane		34418	N . D . .	0 . 5 0
ug/L	bis (2-Chloroethyl) ether		34273	N . D . .	5 . 0 0
ug/L	Dibromochloromethane		32105	N . D . .	0 . 5 0
ug/L	1,2-Dichlorobenzene		34536	N . D . .	0 . 5 0
ug/L	1,3-Dichlorobenzene		34566	N . D . .	0 . 5 0
ug/L	1,4-Dichlorobenzene		34571	N . D . .	0 . 5 0
ug/L	Dichlorodifluoromethane		34668	N . D . .	0 . 5 0
ug/L	1,1-Dichloroethane (1,1-DCA)		34496	N . D . .	0 . 5 0
ug/L	1,2-Dichloroethane (1,2-DCA)		34531	N . D . .	0 . 5 0
ug/L	1,1-Dichloroethene (1,1-DCE)		34501	N . D . .	0 . 2 0
ug/L	trans-1,2-Dichloroethene		34546	N . D . .	0 . 5 0

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State Certified Hazardous Waste,
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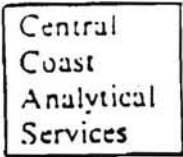
**PURGEABLE ORGANIC ANALYSES
(Volatiles)**

Date of Report: September 23, 1987 Lab Sample ID No. D-7142
 Laboratory Signature Lab
 Name: Central Coast Analytical Services Director: *W. J. ...*
 Name of Robert Garrett Sampler
 Sampler: Robert Garrett Employed By: CCAS
 Date/Time Sample 9/11/87 @ 1105 Date/Time Sample 9/11/87 @ 1200 Were Holding
 Collected: 9/11/87 @ 1105 Received @ Lab: 9/11/87 @ 1200 Times Observed? Yes
 Test Methods: EPA METHOD 624 Were all the constituents listed
 below quantified? Yes

System Name: City of Pismo Beach System Number: _____
 Description of City of Pismo Beach
 Sampling Point: Travel Blank TBO91187REG01 County Name: _____
 Name/No. Of Sample Station
 Source: _____ Number: _____
 Date & Time of Sample: 8|7|0|9|1|1|1|0|5 Water User Submitted to SWQIS
 Sample: Y Y M M D D T T T T Type: G/S ID: _____ By: _____

Place an "X" in box to delete all data for this station/date/time.

REPORTING UNITS	CONSTITUENT	T T	STORET CODE	ANALYSES RESULTS	DETECTION LIMIT
	Date Analyses Completed		73672	8 7 0 9 1 1 1	
				Y Y M M D D	
	Analyzing Agency Code (Lab)		28		
	Intensive Survey Number		116		
ug/L	Benzene		34030	N . D . .	0 . 5 0
ug/L	Bromodichloromethane		32101	N . D . .	0 . 5 0
ug/L	Bromoform		32104	N . D . .	0 . 5 0
ug/L	Bromomethane		34413	N . D . .	0 . 5 0
ug/L	Carbon tetrachloride		32102	N . D . .	0 . 5 0
ug/L	Chlorobenzene		34301	N . D . .	0 . 5 0
ug/L	Chloroethane		34311	N . D . .	0 . 5 0
ug/L	2-Chloroethylvinyl ether		34576	N . D . .	1 . 0 0
ug/L	Chloroform		32106	N . D . .	0 . 5 0
ug/L	Chloromethane		34418	N . D . .	0 . 5 0
ug/L	bis (2-Chloroethyl) ether		34273	N . D . .	5 . 0 0
ug/L	Dibromochloromethane		32105	N . D . .	0 . 5 0
ug/L	1,2-Dichlorobenzene		34536	N . D . .	0 . 5 0
ug/L	1,3-Dichlorobenzene		34566	N . D . .	0 . 5 0
ug/L	1,4-Dichlorobenzene		34571	N . D . .	0 . 5 0
ug/L	Dichlorodifluoromethane		34668	N . D . .	0 . 5 0
ug/L	1,1-Dichloroethane (1,1-DCA)		34496	N . D . .	0 . 5 0
ug/L	1,2-Dichloroethane (1,2-DCA)		34531	N . D . .	0 . 5 0
ug/L	1,1-Dichloroethene (1,1-DCE)		34501	N . D . .	0 . 2 0
ug/L	trans-1,2-Dichloroethene		34546	N . D . .	0 . 5 0



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ANALYTICAL SERVICES**
Air, Water & Hazardous Waste Analysis
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San Luis Obispo, California 93401
(805) 543-2553

WATER ANALYSIS# D-714

CHECKLIST:

MCL refers to Maximum Contaminant Level as given in Title 22, Domestic Water Quality Standards California Administrative Code 1977. The full text can be reviewed in our library. Only those constituents listed under "Inorganic Chemicals" have potential toxic effects when above MCL. All of the other constituents (when above the MCL) may contribute to some unacceptable characteristics to the majority of users. NL means "not listed", in other words, no MCL was given in reference so any level would be acceptable. Space is blank if test was not done.

The methods for analysis have been indicated. The methods are published by the U.S.E.P.A. in 40CFR136. The detection limit indicated is the least amount of a substance that can be found by the test method.

GENERAL MINERAL	EPA METHOD	DETECTION LIMIT	MCL mg/l	LEVEL FOUND below/above
Calcium	200.7	0.01	NL	OK
Magnesium	200.7	0.01	NL	OK
Sodium	200.7	0.01	NL	OK
Alkalinity	310.1	1.	NL	OK
Iron	236.1	0.02	0.3	
	200.7	0.05	0.3	X
Manganese	243.1	0.005	0.05	
	200.7	0.02	0.05	X
Copper	200.7	0.05	1.0	X
	220.1	0.04	1.0	
Zinc	200.7	0.05	5.0	X
	289.1	0.04	5.0	
MBAS	425.1	0.04	0.5	X

INORGANIC CHEMICALS	EPA METHOD	DETECTION LIMIT	MCL mg/l	LEVEL FOUND below/above
Fluoride	300.0	0.01	1.8	X
Nitrate				
Nitrogen	300.0	0.1	10.	X
Nitrate(NO3)Calc.		0.4	45.	✓
Arsenic	206.3	0.005	0.05	X
Barium	200.7	0.01	1.0	X
	208.1	0.1	1.0	
Cadmium	213.2	0.001	0.010	X
Chromium	218.1	0.005	0.05	X
Lead	239.2	0.005	0.05	X
Mercury	245.1	0.0002	0.002	X
Selenium	270.3	0.005	0.01	X
	270.2	0.005	0.01	
Silver	272.1	0.01	0.05	X

GENERAL PHYSICAL	EPA METHOD	DETECTION LIMIT	MCL UNITS	LEVEL FOUND below/above
Color	110.2	5.	15.	
Odor	140.1	1.	3	
Turbidity	180.1	0.01	5.	

MINERALIZATION	maximum contaminant level ()					
	EPA	DL	Recommended	Upper	Short Term	Above
Conductance, micromhos	120.1	5.	(900)	X (1600)	(2200)	
Dissolved Solids, Total mg/l	160.1	5.	(500)	X (1000)	(1500)	
Chloride, mg/l	300.0	1.	(250)	X (600)	(600)	
Sulfate, mg/l	300.0	1.	X (250)	(500)	(600)	

HARDNESS is due primarily to calcium and magnesium. When water is "softened" sodium replaces both elements. Persons on low-sodium diets may want to avoid soft water; also, plants do better with hard water. Hard water tends to increase scale formation and subsequent heat loss in boilers or water heaters. Soft water may decrease laundry costs and it may also be more corrosive. Test is done by EPA Method 130.2 and has a detection limit of 1. mg/l.

Hardness on this sample: soft(up to 100mg/l) moderately hard(100-200) X very hard(over 200) (grains per gallon) (up to 6) (6 through 12) X (over 12)

REMARKS: Well # 10
9/11/87
Mary Gault

CHECKLIST:

MCL refers to Maximum Contaminant Level as given in Title 22, Domestic Water Quality Standards, California Administrative Code 1077. The full text can be obtained in our library. Only those constituents listed under "Inorganic Chemicals" have potential toxic effects when above MCL. All of the other constituents (when above the MCL) may contribute to some unacceptable characteristic to the majority of users. NL means "not listed", in other words, no MCL was given in reference, so any level would be acceptable. Space is blank if test was not done.

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Calcium	200.7	0.01	NL	OK
Magnesium	200.7	0.01	NL	OK
Sodium	200.7	0.01	NL	OK
Alkalinity	310.1	1.	NL	OK
Iron	236.1	0.02	0.3	
	200.7	0.05	0.3	X
Manganese	243.1	0.005	0.05	X
	200.7	0.02	0.05	X
Copper	200.7	0.05	1.0	X
	220.1	0.04	1.0	
Zinc	200.7	0.05	5.0	X
	289.1	0.04	5.0	
MBAS	425.1	0.04	0.5	X

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Fluoride	300.0	0.01	1.8	X
Nitrate				
Nitrogen	300.0	0.1	10.	X
Nitrate(NO3) Calc.		0.4	45.	X
Arsenic	206.3	0.005	0.05	X
Barium	200.7	0.01	1.0	X
	208.1	0.1	1.0	
Cadmium	213.2	0.001	0.010	X
Chromium	218.1	0.005	0.05	X
Lead	239.2	0.005	0.05	X
Mercury	245.1	0.0002	0.002	X
Selenium	270.3	0.005	0.01	X
	270.2	0.005	0.01	
Silver	272.1	0.01	0.05	X

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Odor	140.1	1.	3	
Turbidity	180.1	0.01	5.	

MINERALIZATION

maximum contaminant level ()

	EPA	DL	Recommended	Upper	Short Term	Above
Conductance, micromhos	120.1	5.	X(900)	(1600)	(2200)	
Dissolved Solids, Total mg/l	160.1	5.	(500)	X(1000)	(1500)	
Chloride, mg/l	300.0	1.	X(250)	(600)	(600)	
Sulfate, mg/l	300.0	1.	X(250)	(500)	(600)	

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Hardness on this sample: soft(up to 100mg/l) X moderately hard(100-200) very hard(over 200 (grains per gallon) (up to 6) X (6 through 12) (over 12)

REMARKS:

Well #9
9/11/87

Nancy Newbuck



CITY OF PISMO BEACH, CALIFORNIA

CITY COUNCIL
AGENDA SUMMARY

Fto

SUBJECT: ACCEPTANCE OF WATER TREATMENT PLANT AND WELLS #9 AND #10

SUMMARY OF THE MATTER:

The above project has been completed by R. Baker Inc. and is ready for final City acceptance. By resolution, the City Council needs to accept the project as being complete, file a Notice of Completion, and authorize the release of the bonds upon expiration of the lien period.

A report detailing operation of the treatment plant is attached. City Council members have previously received a copy of the latest Filtronics brochure which describes the treatment process as well as other communities with similar type treatment plants.

RECOMMENDED ACTION:

ACCEPTANCE OF THE PROJECT BY RESOLUTION AUTHORIZING THE RECORDING OF A NOTICE OF COMPLETION AND SUBSEQUENT RELEASE OF BONDS IN ACCORDANCE WITH THE RESOLUTION

Account No. (if not budgeted) _____ (if budgeted) _____
 Appropriation Requested _____ Fund Name _____
 Citizens Advised _____
 Requested by DIRECTOR OF PUBLIC SERVICES
 Prepared by CITY ENGINEER
 Coordinated with GARING, TAYLOR & ASSOCIATES
 Meeting Date: 12-14-87
 Attachments DETAIL REPORT
 Approved by _____ Agenda Item No. 6H
 City Administrator

EXHIBIT B
CITY OF PISMO BEACH
WATER CONSUMTION RECORDS

Water Source 1987	Lopez	Well #5	Well #9	Well #10	Monthly Total	Cumulative Total
April	107.4	27.51	Under	Construction	134.91	134.91
May	86.56	70.67	"	"	157.23	292.14
June	114.28	66.46	"	"	180.74	472.88
July	127.84	60.84	"	"	188.68	661.56
Aug.	125.27	66.71	"	"	191.98	853.54
Sept.	100.34	13.2	53.43		166.97	1020.51
Oct.	66.41	40.53	27.59	8.91	143.44	1163.95
Nov.	31.07	51.27	16.37	9.55	108.26	1272.21
Dec.			2.27	2.96	110*	1382*
Jan.					110*	1382*
Feb.					110*	1620*
March					110*	1712*

*Estimated

City Water Sources

Lopez	886	A.F./YR.
Well 5	700	"
Well 9	324	"
Well 10	376	"
	<u>2284</u>	A.F./YR.

STATE OF CALIFORNIA)
) SS
COUNTY OF SAN LUIS OBISPO)

NEBB ELDWAYEN, being duly sworn, deposes and says:

I am the Mayor of the City of Pismo Beach, County of San Luis Obispo, State of California. I have read the foregoing and know the contents thereof, and the same is true of my own knowledge, except as to those matters therein stated on information and belief, and as to those matters I believe it to be true.

DATED: December 14, 1987

Nebb Eldwayen, Mayor

Subscribed and sworn before me, City Clerk of the City of Pismo Beach, on the 14th day of December, 1987.

Leslie J. Crist
City Clerk



CITY OF PISMO BEACH, CALIFORNIA

CITY COUNCIL
AGENDA SUMMARY

File

SUBJECT: ACCEPTANCE OF WATER TREATMENT PLANT AND WELLS #9 AND #10

SUMMARY OF THE MATTER:

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Account No. (If not budgeted) _____ (If budgeted) _____
 Appropriation Requested _____ Fund Name _____
 Citizens Advised _____
 Requested by DIRECTOR OF PUBLIC SERVICES
 Prepared by CITY ENGINEER
 Coordinated with GARING, TAYLOR & ASSOCIATES
 Meeting Date: 12-14-87
 Attachments DETAIL REPORT
 Approved by _____ Agenda Item No. 6H
 City Administrator

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*Estimated

City Water Sources

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Subscribed and sworn before me, City Clerk of the City of Pismo Beach, on the 14th day of December, 1987.

Leslie J. Crist
City Clerk

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6463-D Calle Real
Goleta, CA 93117
Fax (805) 976-4386
(805) 964-7838

SAMPLE CHAIN OF CUSTODY

SUBMITTED BY: <i>Mike Buckley</i>					
COMPANY <i>City of Pismo Beach</i>			CONTACT NAME <i>Shannen</i>		
ADDRESS <i>1000 Bello St</i>					PHONE <i>773-2011</i>
PROJECT #	PROJECT NAME		ANALYSIS REQUESTED		
SAMPLER (Print & Sign Name) <i>Mike Buckley</i> <i>Mil Beclay</i>					
CCAS LAB #	SAMPLE IDENTIFICATION (ID #, location, matrix)	DATE/TIME COLLECTED	# of ITEMS	PRESERVE	
<i>E-123</i>	<i>well 9 & 10 Treatment plant EFF</i>	<i>8-18 10:51</i>	<i>1</i>	<i>2 mL HNO3</i>	<i>Metals Iron/Manganese</i>
REMARKS: <i>cc: State DCH : State form</i>					
SAMPLE RELINQUISHED BY:		DATE/TIME	RECEIVED BY:		
<i>Mil Beclay</i>		<i>8/18/05 11:45 AM</i>	<i>[Signature]</i>		

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TITLE 22 CHEMICAL ANALYSES

Date of Report September 14, 1988		Lab Sample ID Number E-9056	
Laboratory Name Central Coast Analytical Services		Signature Lab Director <i>Mary Davila</i>	
Name of Sampler Shannen Chapman		Sampler Employed By City of Pismo Beach	
Date/Time Sample Collected September 6, 1988 @ 1010	Date/Time Sample Received at Lab. September 6, 1988 @ 1038	Were Holding Times Observed? Yes	
System Name City of Pismo Beach			System Number
Description of Sampling Point Well #9			
Name/Number of Sample Source		Station Number	
Date and Time of Sample 18 8 0 9 0 6 1 0 1 0 Y Y M M D D T T T T		Water Type G G,S	User ID 1 1 1
Submitted to SWQIS By			

MCL Reporting Units	Constituent	T T	Storet Code	Analyses Results
	Analyzing Agency (Laboratory)		28	
mg/L	Total Hardness (as CaCO3)		900	
mg/L	Calcium (Ca)		916	
mg/L	Magnesium (Mg)		927	
mg/L	Sodium (Na)		929	
mg/L	Potassium (K)		937	
Total Cations	meq/L Value:			

mg/L	Total Alkalinity (as CaCO3)		410	
mg/L	Hydroxide (OH)		71830	
mg/L	Carbonate (CO3)		445	
mg/L	Bicarbonate (HCO3)		440	
mg/L +	Sulfate (SO4)		945	
mg/L +	Chloride (Cl)		940	
45 mg/L	Nitrate (NO3)		71250	
1.4-2.4 mg/L	Fluoride (F) Temp. Depend.		951	
Total Anions	meq/L Value:			

Std Units	pH (Laboratory)		403	
** umho/cm +	Specific Conductance (E.C.)		95	
*** mg/L +	Total Filterable Residue at 120° C (TDS)		70300	
UNITS	Apparent Color (Unfiltered)		81	
TON	Odor Threshold at 60° C		86	
NTU	Lab Turbidity		82079	
0.5 mg/L +	MBAS		38260	

* 250-500-600 ** 900-1600-2200 *** 500-1000-1500

System = do

RADIOACTIVITY ANALYSES

Date of Report: 8-5-88		Lab Sample ID No. CCAS: E-6756 Scott: 6271-2	
Laboratory Name: SCOTT LABORATORIES, INC.		Signature of Lab Director: <i>K. H. S. [Signature]</i>	
Name of Sampler: Shannen		Sampler Employed By: SOCI	
Date/Time Sample Collected: 7/22/88 @ 0820	Date/Time Sample Received @ Lab: 7-27-88 11:00	Were Holding Time Observed: yes	
System Name: SOCI		System Number:	
Description of Sampling Point: Well #9			
Name/No. of Sample Source:		Station Number:	
Date & of Time Sample: 8/8/07/2/2/0/8/2/0	Water Type: G/G/S	User ID:	Submitted to SWQIS By:
Sample: Y Y M M D D T T T T			

MCL REPORTING UNITS	CONSTITUENT	T	STORET CODE	ANALYSES RESULTS
Analyzing Agency			28	5,6
Date Analyses Completed			73672	8,8,0,8 Y Y M M
5 PC/l	Total Alpha		1501	0
PC/l	Total Alpha Counting Error		1502	2
50 PC/l	Total Beta		3501	
PC/l	Total Beta Counting Error		3502	
PC/l	Natural Uranium		28012	
3 PC/l	Total Radium 226		9501	
PC/l	Total Radium 226 Counting Error		9502	
PC/l	Total Radium 228		11501	
PC/l	Total Radium 228 Counting Error		11502	
5 PC/l	Ra 226 + Ra 228		11503	
PC/l	Ra 226 + Ra 228 Counting Error		11504	
20,000 PC/l	Total Tritium		7000	
PC/l	Total Tritium Counting Error		7001	
8 PC/l	Total Strontium-90		11501	

c'le

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TITLE 22 CHEMICAL ANALYSES

Date of Report August 9, 1988		Lab Sample ID Number E-7432	
Laboratory Name Central Coast Analytical Services		Signature Lab Director <i>Mary Harbeck</i>	
Name of Sampler Shannen		Sampler Employed By City of Pismo Beach	
Date/Time Sample Collected August 3, 1988 @ 1510	Date/Time Sample Received at Lab. August 3, 1988 @ 1630	Were Holding Times Observed? Yes	
System Name City of Pismo Beach			System Number
Description of Sampling Point Well Water, Well #9, Lab #801-1-12644			
Name/Number of Sample Source		Station Number	
Date and Time of Sample 8 8 0 8 0 3 1 1 5 1 1 0	Water Type G	User ID	Submitted to SWQIS By
Y Y M M D D T T T T	G/S		

MCL Reporting Units	Constituent	T T	Store Code	Analyses Results
	Analyzing Agency (Laboratory)		28	
mg/L	Total Hardness (as CaCO3)		900	
mg/L	Calcium (Ca)		916	
mg/L	Magnesium (Mg)		927	
mg/L	Sodium (Na)		929	
mg/L	Potassium (K)		937	
Total Cations	meq/L Value:			

mg/L	Total Alkalinity (as CaCO3)		410	
mg/L	Hydroxide (OH)		71330	
mg/L	Carbonate (CO3)		445	
mg/L	Bicarbonate (HCO3)		440	
mg/L +	Sulfate (SO4)		945	
mg/L +	Chloride (Cl)		940	
45	Nitrate (NO3)		71850	
1.4-2.4	Fluoride (F) Temp. Depend.		951	
Total Anions	meq/L Value:			

Std Units	pH (Laboratory)		403	
** umho/cm +	Specific Conductance (E.C.)		95	
*** mg/L +	Total Filterable Residue at 180° C (TDS)		70300	
UNITS	Apparent Color (Unfiltered)		81	
TON	Odor Threshold at 60° C		86	
NTU	Lab Turbidity		82079	
0.5 mg/L +	MBAS		38260	

Central
Coast
Analytical
Services

Air, Water, & Hazardous Waste Sampling, Analysis, & Consultation
State Certified Hazardous Waste, Chemistry, & Bacteriology Laboratories

14f Suburban Road, Suite C-4
San Luis Obispo, Ca 93401
Fax (805) 543-2605
(805) 543-2553

6483-D Calle Real
Goleta, CA 93117
Fax (805) 976-1386
(805) 964-7838

R
AUG 29, 1988
D

TITLE 22 CHEMICAL ANALYSES

CITY OF PISMO BEACH
PUBLIC SERVICES

Date of Report August 22, 1988		Lab Sample ID Number E-8163	
Laboratory Name Central Coast Analytical Services		Signature Lab Director <i>Mary Hawick</i>	
Name of Sampler Mike Buckley		Sampler Employed By City of Pismo Beach	
Date/Time Sample Collected August 18, 1988 @ 1051	Date/Time Sample Received at Lab. August 18, 1988 @ 1145	Were Holding Times Observed? Yes	
System Name City of Pismo Beach			System Number
Description of Sampling Point Well #9 & #10, Teatment Plant Effluent			
Name/Number of Sample Source		Station Number	

Date and Time of Sample 8 8 0 8 1 8 1 0 5 1 Y Y M M D D T T T T	Water Type G G/S	User ID 	Submitted to SWQIS By
---	------------------------	-------------	-----------------------

MCL Reporting Units	Constituent	T T	Storet Code	Analyses Results
	Analyzing Agency (Laboratory)		28	
mg/L	Total Hardness (as CaCO3)		900	
mg/L	Calcium (Ca)		916	
mg/L	Magnesium (Mg)		937	
mg/L	Sodium (Na)		929	
mg/L	Potassium (K)		937	
Total Cations	meq/L Value:			

mg/L	Total Alkalinity (as CaCO3)		410	
mg/L	Hydroxide (OH)		71830	
mg/L	Carbonate (CO3)		445	
mg/L	Bicarbonate (HCO3)		440	
mg/L +	Sulfate (SO4)		945	
mg/L +	Chloride (Cl)		940	
45 mg/L	Nitrate (NO3)		71850	
1.4-2.4 mg/L	Fluoride (F) Temp. Depend.		951	
Total Anions	meq/L Value:			

Std Units	pH (Laboratory)		403	
** umho/cm +	Specific Conductance (E.C.)		95	
*** mg/L +	Total Filterable Residue at 180° C (TDS)		70300	
UNITS	Apparent Color (Unfiltered)		81	
TON	Odor Threshold at 60° C		86	
NTU	Lab Turbidity		82079	
0.5 mg/L +	MBAS		38260	

Call Critical Court Analysts

DEPARTMENT OF HEALTH SERVICES

Public Water Supply Branch
P. O. Box 4339
Santa Barbara, CA 93140-4339
(805) 963-8616

File Treatment Plans 

June 29, 1988

NOTICE OF
FAILURE TO REPORT

City of Pismo Beach
P.O. Box 3
Pismo Beach, CA 93449

SYSTEM NO. 40-008

The Summary Report of iron and manganese monitoring results for the month of May has not been received by this office.

Section 64451 (a) (1) (2), Title 22, California Domestic Water Quality and Monitoring Regulations, California Administrative Code, requires that each supplier shall report monitoring results as required by the Department. Failure to do so could result in the issuance of a citation and fine.

The report is to be completed and mailed to this office by the 15th day of the month following the month in which the samples are collected.

Please submit the above report by return mail. If you have any questions concerning the report, contact Brian H. Nielsen at (805) 963-8616.

RECEIVED
JUL 05 1988
CITY OF PISMO BEACH
PUBLIC SERVICES

R E C E I V E D

MAR 13 1989

System # do

CITY OF PISMO BEACH
PUBLIC SERVICES

RADIOACTIVITY ANALYSES

Date of Report: 2/8/89		Lab Sample ID No. SCOTT: 6682-1	
Laboratory Name: Scott Laboratories, Inc.		Signature of Lab Director: <i>K. H. Schatz</i>	
Name of Sampler: Shannen		Sampler Employed By: SOCI/City of Pismo Beach	
Date/Time Sample Collected: 01/25/89 @ 0915	Date/Time Sample Received @ Lab: 1/27/89 11:00	Were Holding Times Observed: yes	
System Name: City of Pismo Beach		System Number:	
Description of Sampling Point: Well #9, Potable Water		SOCI Lab # 801-1-12673	
Name/No. of Sample Source:		Station Number:	
Date & Time Sample: 8/9/91/2/5/0/9/1/5	Water Type: G/G/S	User ID: [] [] []	Submitted to SWQIS By:
Sample: Y Y M M D D T T T			

MCL REPORTING UNITS	CONSTITUENT	T	STORET CODE	ANALYSES RESULTS
Analyzing Agency			28	5,6,4
Date Analyses Completed			73672	8,9,0,2,8
				Y Y M M D
5 PC/l	Total Alpha		1501	0,0
PC/l	Total Alpha Counting Error		1502	4,6
50 PC/l	Total Beta		3501	
PC/l	Total Beta Counting Error		3502	
PC/l	Natural Uranium		28012	
3 PC/l	Total Radium 226		9501	
PC/l	Total Radium 226 Counting Error		9502	
PC/l	Total Radium 228		11501	
PC/l	Total Radium 228 Counting Error		11502	
5 PC/l	Ra 226 + Ra 228		11503	
PC/l	Ra 226 + Ra 228 Counting Error		11504	
20,000 PC/l	Total Tritium		7000	
PC/l	Total Tritium Counting Error		7001	
8 PC/l	Total Strontium-90		13501	
PC/l	Total Strontium-90 Counting Error			

RADIOACTIVITY ANALYSES

Date of Report: 2/8/89		CCAS: F0835	
Laboratory Name: Scott Laboratories, Inc.		Lab Sample ID No. Scott: 6682-2	
Name of Sampler: Shannen		Signature of Lab Director: <i>Kenn H. Salata</i>	
Date/Time Sample Collected: 01/25/89 @ 0915		Date/Time Sample Received @ Lab: 1/27/89 11:00	
		Employed By: SOCI/City of Pismo Beach	
		Were Holding Times Observed: yes	
System Name: City of Pismo Beach		System Number:	
Description of Sampling Point: Well #10, Potable Water		SOCI, Lab # 801-1-12673	
Name/No. of Sample Source:		Station Number:	
Date & of Time Sample: 8 9 0 1 12 15 0 9 1 15		Water Type: G/G/S	
Y Y M M D D T T T T		User ID: [] [] [] []	
		Submitted to SWQIS By:	

MCL REPORTING UNITS	CONSTITUENT	T	STORET CODE	ANALYSES RESULTS
Analyzing Agency			28	5 6 4 1
Date Analyses Completed			73672	8 9 0 2 8 9 Y Y M M D D
5 pC/l	Total Alpha		1501	0 0 0 0
PC/l	Total Alpha Counting Error		1502	3 1 1 4
50 pC/l	Total Beta		3501	
pC/l	Total Beta Counting Error		3502	
pC/l	Natural Uranium		28012	
3 pC/l	Total Radium 226		9501	
PC/l	Total Radium 226 Counting Error		9502	
pC/l	Total Radium 228		11501	
PC/l	Total Radium 228 Counting Error		11502	
5 pC/l	Ra 226 + Ra 228		11503	
PC/l	Ra 226 + Ra 228 Counting Error		11504	
20,000pC/l	Total Tritium		7000	
PC/l	Total Tritium Counting Error		7001	
8 pC/l	Total Strontium-90		13501	
PC/l	Total Strontium-90 Counting Error		13502	

8 0301 0 (1,87)

RADIOACTIVITY ANALYSES

Date of Report: 11/30/88		C.C.A.S. E-11,647	
Laboratory Name: Scott Laboratories, Inc.		Lab Sample ID No. Scott: 6510-1	
Name of Sampler: Shannen/Terry		Signature of Lab Director: <i>Art H. Salati</i>	
Date/Time Sample Collected: 11/08/88 @ 1050		Sampler Employed By: SOGI, Inc.	
Date/Time Sample Received @ Lab: 11/11/88		Ware Holding Time Observed: Yes	

System Name: City of Pismo Beach		System Number:	
Description of Sampling Point: Well #9			
Name/No. of Sample Source:		Station Number:	
Date & Time Sample:	Water Type:	User ID:	Submitted to SWQIS By:
8 8 1 1 1 0 8 1 0 5 0	G		
Y Y M M D D T T T T	G/S		

MCL REPORTING UNITS	CONSTITUENT	T	STORET CODE	ANALYSES RESULTS
Analyzing Agency			28	5 6 4 1
Date Analyses Completed			73672	8 8 1 1 1 2 8 Y Y M M D D
5 pC/l	Total Alpha		1501	0 . 0 0
PC/l	Total Alpha Counting Error		1502	2 . 2 1
50 pC/l	Total Beta		3501	
pC/l	Total Beta Counting Error		3502	
pC/l	Natural Uranium		28012	
3 pC/l	Total Radium 226		9501	
pC/l	Total Radium 226 Counting Error		9502	
pC/l	Total Radium 228		11501	
pC/l	Total Radium 228 Counting Error		11502	
5 pC/l	Ra 226 + Ra 228		11503	
pC/l	Ra 226 + Ra 228 Counting Error		11504	
20,000 pC/l	Total Tritium		7000	
pC/l	Total Tritium Counting Error		7001	
4 pC/l	Total Strontium-90		13501	

REGULATED ORGANIC CHEMICALS CONTINUED F-13,183

TEST METHOD	CONSTITUENT ALL CONSTITUENTS REPORTED uG/L	ENTRY #	ANALYSES RESULTS	MCL uG/L	* DLR
	Bentazon (Basagran)	38710		18	2.0
504	Dibromochloropropane (DBCP)	38761	N . . D . .	.2	0.01
504	Ethylene Dibromide (EDB)	77651	N . . D . .	.02	0.02
507	Atrazine (AAtrex)	39033	N . . D . .	3	1.0
	Molinate (Ordram)	82199		20	2.0
507	Simazine (Princep)	39055	N . . D . .	10	1.0
	Thiobencarb (Bolero)	A-001		70	0.50
	Endrin	39390		.2	0.01
	Lindane (gamma-BHC)	39340		4	0.40
	Methoxychlor	39480		100	10.
	Toxaphene	39400		5	0.50
	2,4-D	39730		100	10.
	2,4,5-TP (Silvex)	39045		10	1.0

UNREGULATED ORGANIC CHEMICALS

TEST METHOD	CONSTITUENT ALL CONSTITUENTS REPORTED uG/L	ENTRY #	ANALYSES RESULTS		* DLR
524.2	Bromobenzene	81555	N . . D . .		0.50
524.2	Bromochloromethane	A-012	N . . D . .		0.50
524.2	Bromomethane (Methyl Bromide)	34413	N . . D . .		0.50
524.2	n-Butylbenzene	A-010	N . . D . .		0.50
524.2	sec-Butylbenzene	77350	N . . D . .		0.50
524.2	tert-Butylbenzene	77353	N . . D . .		0.50
524.2	Chloroethane	34311	N . . D . .		0.50
524.2	2-Chloroethylvinyl ether	34576	N . . D . .		1.0
524.2	Chloromethane (Methyl Chloride)	34418	N . . D . .		0.50
524.2	2-Chlorotoluene	A-008	N . . D . .		0.50
524.2	4-Chlorotoluene	A-009	N . . D . .		0.50
524.2	Dibromomethane	77596	N . . D . .		0.50
524.2	1,2-Dichlorobenzene (o-DCB)	34536	N . . D . .		0.50
524.2	1,3-Dichlorobenzene (m-DCB)	34566	N . . D . .		0.50
524.2	Dichlorodifluoromethane	34668	N . . D . .		0.50
524.2	1,1-Dichloroethane (1,1-DCA)	34496	N . . D . .		0.50
524.2	cis-1,2-Dichloroethylene	77093	N . . D . .		0.50
524.2	trans-1,2-Dichloroethylene	34546	N . . D . .		0.50
524.2	1,2-Dichloropropane	34541	N . . D . .		0.50
524.2	1,3-Dichloropropane	77173	N . . D . .		0.50
524.2	2,2-Dichloropropane	77170	N . . D . .		0.50
524.2	1,1-Dichloropropene	77168	N . . D . .		0.50
524.2	Hexachlorobutadiene	34391	N . . D . .		0.50
524.2	Isopropylbenzene	77223	N . . D . .		0.50
524.2	p-Isopropyltoluene	A-011	N . . D . .		0.50
524.2	Methylene chloride	34423	N . . D . .		0.50
524.2	Naphthalene	34696	N . . D . .		0.50
524.2	n-Propylbenzene	77224	N . . D . .		0.50
524.2	Styrene	77128	N . . D . .		0.50
524.2	1,1,1,2-Tetrachloroethane	77562	N . . D . .		0.50
524.2	Toluene	34010	N . . D . .		0.50
524.2	1,2,3-Trichlorobenzene	77613	N . . D . .		0.50
524.2	1,2,4-Trichlorobenzene	34551	N . . D . .		0.50
524.2	Trichlorofluoromethane (Freon 11)	34488	N . . D . .		0.50
524.2	1,2,3-Trichloropropane	77443	N . . D . .		0.50
524.2	Trichlorotrifluoroethane (Freon 113)	81611	N . . D . .		0.50
524.2	1,2,4-Trimethylbenzene	77222	N . . D . .		0.50

11- 9-84

12000

84328



CITY OF PISMO BEACH, CALIFORNIA



APPENDIX F-3
NOTICE OF EXEMPTION

TO: _____ Office of Planning and Research
1400 Tenth St., Room 121
Sacramento, CA 95814

_____ County Clerk
County of _____

FROM: Department of Public Services
City of Pismo
P.O. Box 3
Pismo Beach, CA 93449

PROJECT TITLE: _____

PROJECT LOCATION (Specific): _____

PROJECT LOCATION (City): _____

PROJECT LOCATION (County): _____

DESCRIPTION OF NATURE, PURPOSE, AND BENEFICIARIES OF PROJECT: _____

PUBLIC AGENCY APPROVING PROJECT: _____

PERSON OR AGENCY CARRYING OUT PROJECT: _____

EXEMPT STATUS : (Check one)

- _____ Ministerial (Sec. 15073)
- _____ Declared Emergency (Sec. 15071 (a))
- _____ Emergency Project (Sec. 15071 (b) and (c))
- _____ Categorical Exemption (State type and section number): _____

REASONS WHY PROJECT IS EXEMPT: _____

CONTACT PERSON: _____; TELEPHONE: _____
If filed by applicant, (1) attach certified document of exemption finding,
(2) Has a notice of exemption been filed by the public agency approving the
project? Yes _____ No _____

_____ Date received for filing

_____ Dave Watson
Director of Public Services

TRIPPLICATE
Owner's Copy

STATE OF CALIFORNIA
THE RESOURCES AGENCY
DEPARTMENT OF WATER RESOURCES
WATER WELL DRILLERS REPORT

Do not fill in

No. 174229

Notice of Intent No. _____

State Well No. _____

Local Permit No. or Date _____

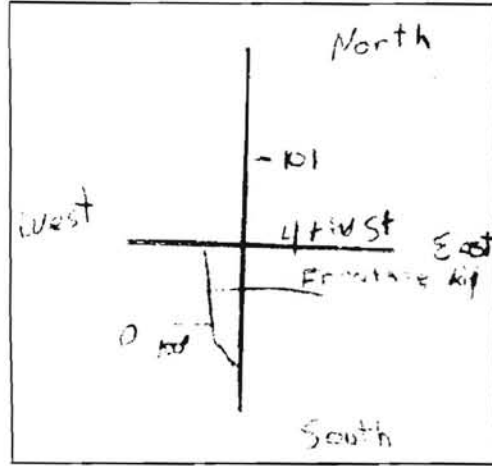
Other Well No. _____

(1) OWNER: Name City of Pismo Beach
Address P.O. Box 3
City Pismo Beach, Cal. Zip 93449

(12) WELL LOG: Total depth 320 ft. Depth of completed well 310 ft.
from ft. to ft. Formation (Describe by color, character, size or material)

(2) LOCATION OF WELL (See instructions):
County San Luis Obispo Owner's Well Number #9
Well address if different from above _____
Township _____ Range _____ Section _____
Distance from cities, roads, railroads, fences, etc. _____

0 - 3 Fill
3 - 9 Top soil
9 - 13 Rock
13 - 58 Brown clay & sand
58 - 86 Blue clay
86 - 97 Coarse sand
97 - 102 Blue clay
102 - 131 Coarse sand with clay stringers
131 - 156 Sandy blue clay



(3) TYPE OF WORK:
New Well Deepening
Reconstruction
Reconditioning
Horizontal Well
Destruction (Describe destruction materials and procedures in Item 12X)

156 - 163 Coarse sand/Clay stringers
163 - 172 Sandy blue clay
172 - 184 Blue Clay
184 - 218 Sandy Blue clay/Coarse sand stringers
218 - 233 Coarse sand
233 - 257 Sandy blue clay
257 - 263 Coarse sand
263 - 285 Sandy Blue clay/Sand stringers
285 - 286 Sandstone
286 - 320 Sandy blue clay

(4) PROPOSED USE:
Domestic
Irrigation
Industrial
Test Well
Stock
Municipal
Other

(5) EQUIPMENT:
Rotary Reverse
Cable Air
Other Bucket

(6) GRAVEL PACK:
Yes No Size 54# sand
Diameter of bore 20"
Packed from 50 to 320 ft.

CASING SET
+2 - 100 Blank
100 - 170 Perf
170 - 180 Blank
180 - 300 Perf
300 - 310 Blank

(7) CASING INSTALLED:
Steel Plastic Concrete

(8) PERFORATIONS: .040 slot screen
Type of perforation or size of screen

From ft.	To ft.	Dia. in.	Gage or Wall	From ft.	To ft.	Slot size
+2	310	10"	Clay			

EXTRAS
60" - 2" gravel tube, galvanized pipe

(9) WELL SEAL:
Was surface sanitary seal provided? Yes No If yes, to depth 50 ft.
Were strata sealed against pollution? Yes No Interval 0-50 ft.
Method of sealing 6 yards cement

Work started 12-16 19 85 Completed 12-18 19 85

(10) WATER LEVELS:
Depth of first water, if known _____ ft.
Standing level after well completion _____ ft.

WELL DRILLER'S STATEMENT:
This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

(11) WELL TESTS:
Was well test made? Yes No If yes, by whom? Miller Pump
Type of test Pump Bailer Air lift
Depth to water at start of test _____ ft. At end of test _____ ft.
Discharge _____ gal/min after _____ hours Water temperature _____
Chemical analysis made? Yes No If yes, by whom? Tim Cleath
Was electric log made? Yes No If yes, attach copy to this report

SIGNED _____ (Well Driller)
NAME Myers Brothers, Inc.
(Person, firm, or corporation) (Typed or printed)
Address 8650 E Lacey Blvd.
City Hanford, CA. Zip 93230
License No. 280310 Date of this report 12-27-85

CENTRAL COAST ANALYTICAL SERVICES

141 Suburban Road, C-4, San Luis Obispo, CA 93401

CHECKLIST:

WATER ANALYSIS # B2199

MCL refers to Maximum Contaminant Level as given in Title 22, Domestic Water Quality Standards, California Administrative Code 1977. The full text can be reviewed in our library. Only those constituents listed under 'Inorganic Chemicals' have potential toxic effects when above MCL. All of the other constituents (when above the MCL) may contribute some unacceptable characteristic to the majority of users. NL means 'not listed', in other words no MCL was given in reference, so any level would be acceptable. Space is blank if test was not done.

GENERAL MINERAL	MCL mg/l	LEVEL FOUND below above	INORGANIC CHEMICALS	MCL mg/l	LEVEL FOUND below above
Calcium	NL	ok	Fluoride	1.8	X
Magnesium	NL	ok	Nitrate Nitrogen	10.	X
Sodium	NL	ok	Nitrate (NO3)	45.	X
Alkalinity	NL	ok	Arsenic	0.05	X
<u>Iron</u>	0.3	X	Barium	1.0	>
<u>Manganese</u>	0.05	Y	Cadmium	0.010	>
Copper	1.0	>	Chromium	0.05	X
Zinc	5.0	X	Lead	0.05	Y
MBAS	0.5	Y	Mercury	0.002	X
			Selenium	0.01	X
			Silver	0.05	Y
<u>GENERAL PHYSICAL</u>	<u>units</u>				
Color	15.	X			
<u>Odor</u>	3.	X			
Turbidity	5.	X			

MINERALIZATION	maximum contaminant level ()			
	Recommended	Upper	Short Term	Above
Conductance, micromhos	(900)	(1600)	(2200)	X
<u>Dissolved Solids, Total mg/l</u>	(500)	(1000)	(1500)	X
Chloride, mg/l	(250)	X(500)	(600)	
Sulfate, mg/l	(250)	X(500)	(600)	

HARDNESS is due primarily to calcium and magnesium. When water is 'softened' sodium replaces both elements. Persons on low-sodium diets may want to avoid soft water; also, plants do better with hard water. Hard water tends to increase scale formation and subsequent heat loss in boilers and water heaters. Soft water may decrease laundry costs and it may also be more corrosive.

Hardness on this sample: ___ soft (up to 100mg/l) ___ moderately hard (100-200) X very hard (over 200)
 (grains per gallon) ___ (up to 6) ___ (6-12) Y (over 12)

REMARKS:

Mary Hawker

ORGANOCHLORINE PESTICIDES ANALYSIS

CENTRAL COAST ANALYTICAL SERVICES

Submitted June 25, 1985

Extracted July 2, 1985

Analyzed July 24, 1985

SAMPLE B 2199

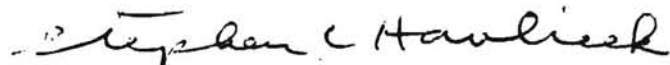
Submitted by Mr. Tim Cleath for City of Pismo Beach

Well at Fourth Street and Highway 101

Compound Analyzed	Detection Limit micrograms/Liter	Concentration micrograms/Liter
Alpha BHC	0.005	not found
Beta BHC	0.01	not found
Delta BHC	0.005	not found
Gamma BHC	0.01	not found
Heptachlor	0.01	not found
Aldrin	0.005	not found
Heptachlor Epoxide	0.008	not found
Endosulfan I	0.01	not found
Dieldrin	0.015	not found
pp'-DDE	0.01	not found
Endrin	0.02	not found
Endosulfan II	0.01	not found
pp'-DDD	0.02	not found
Endrin Aldehyde	0.02	not found
Endosulfan Sulfate	0.02	not found
pp'-DDT	0.02	not found
PCB.s	0.1	not found

The compounds listed above as "not found" would have been reported if present at or above the listed detection limits. The determination of each of the above compounds was made on the basis of capillary gas chromatographic retention times and the selectivity of the electron capture detector.

Respectfully submitted,
CENTRAL COAST ANALYTICAL SERVICES, INC.



Stephen C. Havlicek, Ph.D.
Vice President

CLIENT COPY
 PURGEABLE PRIORITY POLLUTANT ANALYSIS
 CENTRAL COAST ANALYTICAL SERVICES, INC.
 141-C Suburban Road, San Luis Obispo, California 93401
 June 29, 1985
 SAMPLE B 2199
 Test Well at Fourth Street & Highway 101
 Submitted by City of Pismo Beach 6/25/85
 Dilution Factor This Run 1.0

Compound Analyzed	Detection Limit ** micrograms/L	Concentration micrograms/L
Bromochloromethane (IS)		
Methyl Chloride	0.2	not found
Vinyl Chloride	0.1	not found
Methyl Bromide	0.1	not found
Ethyl Chloride	0.1	not found
Methylene Chloride	1.	not found
Trichlorofluoromethane *	0.1	not found
1,1-Dichloroethene (DCE)	0.1	not found
t-1,2-Dichloroethene	1	not found
1,1-Dichloroethane (DCA)	0.1	not found
Chloroform	0.1	0.1
1,1,1-Trichloroethane (TCA)	0.1	not found
1,2-Dichloroethane (EDC)	0.1	not found
Carbon Tetrachloride	0.1	not found
Benzene	0.1	0.1
1,2-Dichloropropane	0.1	not found
Bromochloropropane (IS)		
c-1,3-Dichloropropene	0.1	not found
Trichloroethene (TCE)	0.1	not found
Bromodichloromethane	0.1	not found
t-1,3-Dichloropropene	0.1	not found
Toluene	0.1	0.5
1,1,2-Trichloroethane (TCA)	0.1	not found
1,4-Dichlorobutane (IS)		
Dibromochloromethane	0.1	not found
Tetrachloroethylene (PCE)	0.1	not found
Chlorobenzene	0.1	not found
Ethylbenzene	0.1	0.1
Bromoform	0.1	not found
1,1,2,2-Tetrachloroethane	0.1	not found
Dichlorobenzenes *	0.1	not found
Xylenes	0.1	0.3
C-3 Alkylbenzenes	0.1	0.2

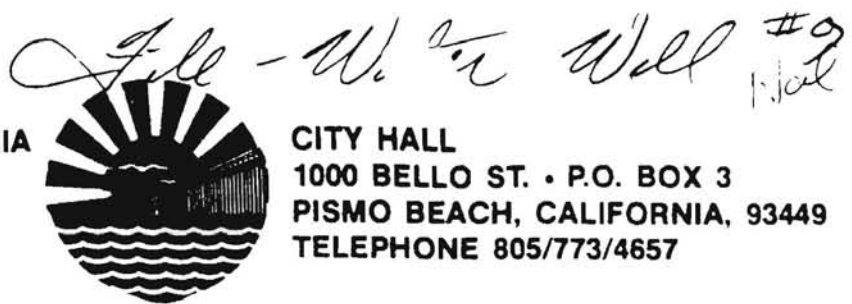
Compounds reported as "not found" would have been reported if present at or above the listed detection limit.

Respectfully submitted,
 CENTRAL COAST ANALYTICAL SERVICES, INC.

Stephen C. Havlicek

Stephen C. Havlicek, Ph.D.
 Vice President

CITY OF PISMO BEACH, CALIFORNIA



CITY HALL
1000 BELLO ST. • P.O. BOX 3
PISMO BEACH, CALIFORNIA, 93449
TELEPHONE 805/773/4657

August 28, 1986

Art Shaw
Attorney at Law
983 Osos Street
San Luis Obispo, CA 93401

Dear Art:

Enclosed is a copy of a letter dated July 9, 1986 from Safeco relative to the old county road, half of which is claimed by Paul Moerman. The letter is the same as the other one except that it's been changed to include that portion within the City of Pismo Beach.

Today, Mr. Moerman said he has no objection to the City's use of his property, providing the City, at its expense, installs a large culvert, improves the frontage road paralleling the freeway across the subject road frontage and agrees to serve his future motel with water. He presently is served with water through a residential size meter.

He seems to be expecting a lot for his interest in the property which he claims based upon the letters from Safeco, which is based upon Section 831 of the Civil Code. From what I read in Section 831 he may have the fee to the centerline of the street. However, that right appears to be subject to the use of the property for public purposes. If this is your view, a letter to me stating that it is your opinion that his right is subject to the public's right would reduce his ability to negotiate for improvements.

I would prefer to be able to tell him that we are willing to cooperate with him in any way that we can.

Please advise.

Very truly yours,

A handwritten signature in cursive script that reads "Hal Halldin".

HAL HALLDIN
City Engineer

HH:tg

enclosure



SAFECO TITLE INSURANCE COMPANY

SUPPLEMENTAL REPORT

ISSUING OFFICE: San Luis Obispo

- SAFECO Title Insurance Company
- P. O. Box 1145
- San Luis Obispo, Ca 93406

Your Ref:

Attention: Maureen

Our No. 140746 myc

Dated as of July 29, 19 86 at 7:30 A.M.

Donna E. Kingsley
 Title Officer

The above numbered report (including any supplements or amendments thereto) is hereby modified and/or supplemented in order to reflect the following:

1. Please amend the description to read as follows:

Parcel 1:

That part of Lot 11 of the Subdivisions of a part of the Rancho El Pismo and San Miguelito, in the City of Grover City, County of San Luis Obispo, State of California according to map filed for record April 30, 1886 in Book A, Page 157 of Maps, lying Southerly of the Southerly line of that certain right of way for highway purposes conveyed to the State of California, by deed recorded September 21, 1928 in Volume 55 Page 84 of Official Records of said county.

Parcel 2:

All that portion of the unnamed road within the City of Grover City and the City of Pismo Beach, County of San Luis Obispo, State of California, lying Southerly, South-Westerly, and Southeasterly and adjacent to Parcel herein above described, which would pass under Section 831 of the Civil Code of the State of California by a conveyance of said Parcel 1.

2. Schedule B is amended to include:

Private easements for ingress and egress over said land, such easements having been acquired by owners of other lots under conveyances which were made by reference to the map shown below:

Map of: Ranchos El Pismo and San Miguelito
 Recorded: April 30, 1886 in Book A at Page 157 of Maps
 Affects: Parcel 2 described herein



PROOF OF PUBLICATION
(2015.5 C.C.P.)

STATE OF CALIFORNIA
COUNTY OF SAN LUIS OBISPO

I am a citizen of the United States and a resident of the County aforesaid; I am over the age of eighteen years, and not a party to or interested in the above-entitled matter. I am the principal clerk of the printer of the **Five Cities TIMES-PRESS-RECORDER**, a combination of Pismo Times, Grover City Press and Arroyo Grande Herald-Recorder, a newspaper of general circulation, printed and published in the City of Arroyo Grande, County of San Luis Obispo, California, and which newspaper has been adjudged a newspaper of general circulation by the Superior Court of San Luis Obispo, State of California, under the date of December 17, 1951, Case Number 18811; that the notice of which the annexed is a printed copy (set in type not smaller than nonpareil), has been published in each regular and entire issue of said newspaper and not in any supplement thereof on the following dates, to-wit:

August 15, 22,

all in the year 19 86

I certify (or declare) under penalty of perjury that the foregoing is true and correct.

Dated at Arroyo Grande

California, this 22nd day of August

19 86

Naomi Coffey

Naomi Coffey Signature



This space for the County Clerk's Filing Stamp

PROOF OF PUBLICATION OF
NOTICE TO CONTRACTORS

City of Pismo Beach

PUBLIC NOTICE PUBLIC NOTICE

City of Pismo Beach

s Space

STATE OF CALIFORNIA
NOTICE TO CONTRACTORS

Sealed proposals will be received at the office of the Director of Public Services of the City of Pismo Beach, 1000 Bello Street, P.O. Box 3, Pismo Beach, California 93449, (805) 773-4656, until 2:00 P.M., September 23, 1986, at which time they will be publicly opened and read for performing work in accordance with the specifications therefor, to which special reference is made as follows:

Construction of pumping equipment at well sites 9 and 10 and water treatment facilities

Bids are required for the entire work described herein. All bids are to be compared on the basis of the estimated quantities of work to be done contained in the proposal.

No bid will be accepted from a Contractor who has not been licensed in accordance with the provisions of State law. All bids must be made on a proposal form furnished by the City.

Plans, specifications and proposal forms for bidding this project may be seen and obtained without charge at the office of Garing, Taylor & Associates, Inc., 141 South Elm Street, Arroyo Grande, CA. 93420 (805) 489-1321.

The successful bidder shall furnish a payment bond, a performance bond and Certificates of Liability Insurance as required by the Special Provisions.

Pursuant to Section 1773 of the California Labor Code, the general prevailing rates of wages in the City of Pismo Beach have been obtained from the Director of Industrial Relations of the State of California. Pursuant to Section 1773.2 of said Code said rates of wages are on file at City Hall and are available to any interested party on request.

The City reserves the right to reject any and all bids.

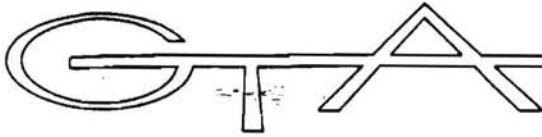
City of Pismo Beach
State of California

Dated: Aug. 12, 1986.

R. James Garing
Project Engineer

No. 640, Pub 2T, Aug. 15, 22, 1986.

PROOF OF PUBLICATION



GARING, TAYLOR & ASSOCIATES, INC.

CIVIL ENGINEERS

SURVEYORS

PLANNERS

August 14, 1986

PAID
AUG 19 1986
CITY OF GROVER CITY
P.O. BOX 365

City of Grover City
P.O. Box 365
Grover City, CA 93433

File

Attention: Tom Sullivan, Community Development Director

SUBJECT: CONSTRUCTION OF PUMPING EQUIPMENT AT WELL SITES 9 AND 10 AND
WATER TREATMENT FACILITIES - CITY OF PISMO BEACH.

Enclosed are one set each of the approved plans and the Special Provisions for the construction of the subject improvements. These are for your information and records. Bids are to be received September 23, 1986.

Please note that the access road and the six inch water line from Well No. 9, as shown on sheets 3 and 4, extend into the City limits of Grover City at Five Cities Drive, El Camino Real. We have included a note which requires that the contractor obtain an encroachment permit from the City of Grover City for the construction within the city limits.

Sincerely,

GARING, TAYLOR & ASSOCIATES, INC.

Norm McGinnis

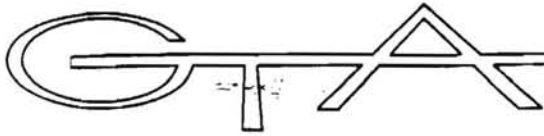
Norm McGinnis
Senior Designer

NM/sm

Enclosure

xc: ~~Hal Harkin~~

PB8520L4.NMM



GARING, TAYLOR & ASSOCIATES, INC.

CIVIL ENGINEERS

SURVEYORS

PLANNERS

August 15, 1986

Thomas M. Courtney, A.I.A.
Courtney & Associates
870 Industrial Way, Suite A
San Luis Obispo, CA 93401

SUBJECT: CONSTRUCTION OF PUMPING EQUIPMENT AT WELL SITES 9 AND 10 AND
WATER TREATMENT FACILITIES - CITY OF PISMO BEACH.

Dear Tom:

Enclosed is one print of sheet 2 of the subject plans for which bids will
be received September 23, 1986.

As you requested in your letter of July 21, 1986, we will forward two
copies of the record drawings showing the constructed locations of the wyes
upon completion of that part of the project.

Sincerely,

GARING, TAYLOR & ASSOCIATES, INC.

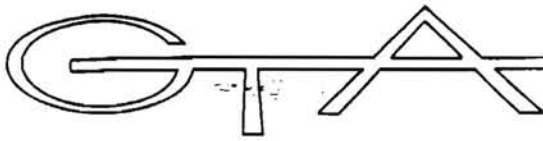
Norm McGinnis
Senior Designer

NM/sm

Enclosure

xc: Hal Halldin

PB8520L9.NMM



GARING, TAYLOR & ASSOCIATES, INC.

CIVIL ENGINEERS

SURVEYORS

PLANNERS

August 14, 1986

Department of Health Services
Sanitary Engineering Branch
530 E. Montecito Street, #102
Santa Barbara, CA 93103

Attention: John Curphey

SUBJECT: CONSTRUCTION OF PUMPING EQUIPMENT AT WELL SITES 9 AND 10 AND
WATER TREATMENT FACILITIES-CITY OF PISMO BEACH.

Enclosed are one set each of the approved plans and the Special Provisions
for the construction of the subject improvements.

Please review them and let us know of any comments you may have.

Thank you.

Sincerely,

GARING, TAYLOR & ASSOCIATES, INC.

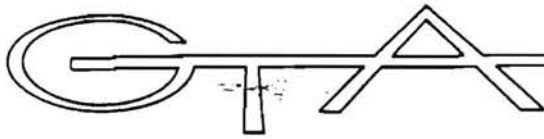
Norm McGinnis
Senior Designer

NM/sm

Enclosure

xc: Hal Halldin

PB8520L3.NMM



GARING, TAYLOR & ASSOCIATES, INC.

CIVIL ENGINEERS

SURVEYORS

PLANNERS

August 14, 1986

Pacific Gas and Electric Company
1239 Grand Avenue
Arroyo Grande, CA 93420

Attention: Jay Conner

SUBJECT: CONSTRUCTION OF PUMPING EQUIPMENT AT WELL SITES 9 AND 10 AND
WATER TREATMENT FACILITIES-CITY OF PISMO BEACH.

Enclosed is one set, 6 sheets, of the approved plans and the Special Provisions for the construction of the subject improvements. Bids for the project will be received September 23, 1986.

The utilities have been shown from records provided and in some cases, from field locations. Please review the plans and let us know if you find any conflict with the information shown or if you have plans for any new utilities which may affect the construction.

Thank you.

Sincerely,

GARING, TAYLOR & ASSOCIATES, INC.

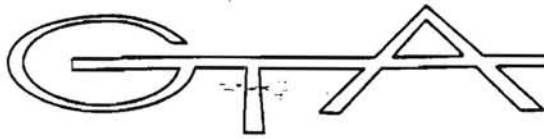
Norm McGinnis
Senior Designer

NM/sm

Enclosure

xc: Hal Halldin

PB8520L7.NMM



GARING, TAYLOR & ASSOCIATES, INC.

CIVIL ENGINEERS

SURVEYORS

PLANNERS

August 14, 1986

Southern California Gas Company
P.O. Box 6466
Santa Barbara, CA 93160-6466

Attention: Ed Strobridge

SUBJECT: CONSTRUCTION OF PUMPING EQUIPMENT AT WELL SITES 9 AND 10 AND
WATER TREATMENT FACILITIES-CITY OF PISMO BEACH.

Enclosed is one set, 6 sheets, of the approved plans and the Special Provisions for the construction of the subject improvements. Bids for the project will be received September 23, 1986.

The utilities have been shown from records provided and in some cases, from field locations. Please review the plans and let us know if you find any conflict with the information shown or if you have plans for any new utilities which may affect the construction.

Thank you.

Sincerely,

GARING, TAYLOR & ASSOCIATES, INC.

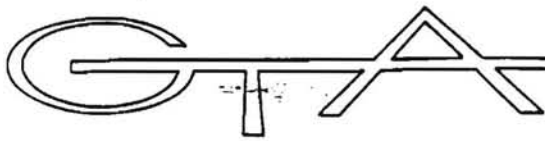
Norm McGinnis
Senior Designer

NM/sm

Enclosure

xc: Hal Halldin

PB8520L5.NMM



GARING, TAYLOR & ASSOCIATES, INC.

CIVIL ENGINEERS

SURVEYORS

PLANNERS

August 14, 1986

Pacific Bell
P.O. Box B
San Luis Obispo, CA 93406

Attention: Al Medeiros

SUBJECT: CONSTRUCTION OF PUMPING EQUIPMENT AT WELL SITES 9 AND 10 AND
WATER TREATMENT FACILITIES-CITY OF PISMO BEACH.

Enclosed is one set, 6 sheets, of the approved plans and the Special Provisions for the construction of the subject improvements. Bids for the project will be received September 23, 1986.

The utilities have been shown from records provided and in some cases, from field locations. Please review the plans and let us know if you find any conflict with the information shown or if you have plans for any new utilities which may affect the construction.

Thank you.

Sincerely,

GARING, TAYLOR & ASSOCIATES, INC.

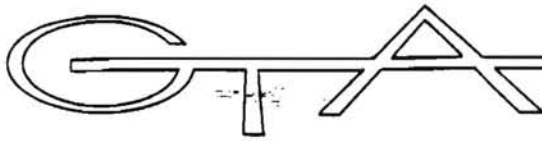
Norm McGinnis
Senior Designer

NM/sm

Enclosure

xc: Hal Halldin

PB8520L6.NMM



GARING, TAYLOR & ASSOCIATES, INC.

CIVIL ENGINEERS

SURVEYORS

PLANNERS

August 14, 1986

County of San Luis Obispo
2845 Lopez Drive
Arroyo Grande, CA 93420

Attention: Doug Jones

SUBJECT: CONSTRUCTION OF PUMPING EQUIPMENT AT WELL SITES 9 AND 10 AND
WATER TREATMENT FACILITIES-CITY OF PISMO BEACH.

Enclosed is one set, 6 sheets, of the approved plans and the Special Provisions for the construction of the subject improvements. Bids for the project will be received September 23, 1986.

The utilities have been shown from records provided and in some cases, from field locations. Please review the plans and let us know if you find any conflict with the information shown or if you have plans for any new utilities which may affect the construction.

Thank you.

Sincerely,

GARING, TAYLOR & ASSOCIATES, INC.

Norm McGinnis
Senior Designer

NM/sm

Enclosure

xc: Hal Halldin

PB8520L8.NMM



SAFECO TITLE INSURANCE COMPANY

SUPPLEMENTAL REPORT

ISSUING OFFICE: P. O. Box 1145
San Luis Obispo, CA 93406

- SAFECO Title Insurance Company
- P. O. Box 1145
- San Luis Obispo, CA 93406

Your Ref:

Attention: Maureen

Our No. 140746-myc

Dated as of April 7, 1986 at 7:30 A.M.

Donna Evans Kingsley
Title Officer Donna Evans Kingsley

The above numbered report (including any supplements or amendments thereto) is hereby modified and/or supplemented in order to reflect the following:

1. Please amend description to read as follows:

PARCEL 1:

That part of Lot 11 of the subdivisions of a part of the Ranchos El Pismo and San Miguelito, in the City of Grover City, County of San Luis Obispo, State of California, according to map filed for record April 30, 1886 in Book A at page 157 of Maps, lying Southerly of the Southerly line of that certain right of way for highway purposes conveyed to the State of California, by deed recorded September 21, 1928 in Volume 55 at page 84 of Official Records.

PARCEL 2:

All that portion of the unnamed road lying Southerly and adjacent to Parcel 1 herein described, which would pass under Section 831 of the Civil Code of the State of California, by a conveyance of said Parcel 1.

2. Schedule B is amended to include:

Private easements for ingress and egress over said land, such easements having been acquired by owners of other lots under conveyances which were made by reference to the map shown below.

Map of: Ranchos El Pismo and San Miguelito
 Recorded: April 30, 1886 in Book A at page 157 of Maps
 Affects: Parcel 2

gg 7/14/86





SAFECO TITLE INSURANCE COMPANY

PLEASE SIGN AND RETURN

Issuing Office: P.O. BOX 1145
SAN LUIS OBISPO,
CALIFORNIA, 93406
(805) 543-8211

SAFECO Title Insurance Company
P. O. Box 1145
San Luis Obispo, CA 93406

Your Ref:
Our No: 140746-myc

Attention: Maureen

Dated as of April 7, 1986 at 7:30 a.m.

In response to the above referenced application for a policy of title insurance,

SAFECO TITLE INSURANCE COMPANY hereby reports that it is prepared to issue, or cause to be issued, as of the date hereof, a Policy or Policies of Title Insurance describing the land and the estate or interest therein hereinafter set forth, insuring against loss which may be sustained by reason of any defect, lien or encumbrance not shown or referred to as an Exception in Schedule B or not excluded from coverage pursuant to the printed Schedules, Conditions and Stipulations of said Policy forms.

The printed Exceptions and Exclusions from the Coverage of said Policy or Policies are set forth in the attached list. Copies of the Policy forms should be read. They are available from the office which issued this report.

THIS REPORT (AND ANY SUPPLEMENTS OR AMENDMENTS THERETO) IS ISSUED SOLELY FOR THE PURPOSE OF FACILITATING THE ISSUANCE OF A POLICY OF TITLE INSURANCE AND NO LIABILITY IS ASSUMED HEREBY. IF IT IS DESIRED THAT LIABILITY BE ASSUMED PRIOR TO THE ISSUANCE OF A POLICY OF TITLE INSURANCE, A BINDER OR COMMITMENT SHOULD BE REQUESTED.

The form of policy of title insurance contemplated by this report is:

- 1. California Land Title Association Standard Coverage Policy
- 2. American Land Title Association Owner's Policy Form B
- 3. American Land Title Association Residential Title Insurance Policy
- 4. American Land Title Association Loan Policy

Donna Evans Kingsley
Title Officer Donna Evans Kingsley

RECEIVED 10/11/86

Order No. 140746

SCHEDULE A

1. The estate or interest in the land hereinafter described or referred to covered by this Report is:

A fee

2. Title to said estate or interest at the date hereof is vested in:

JON P. MOERMAN AND KAREN F. MOERMAN,
Husband and Wife as Joint Tenants

3. The land referred to in this Report is situated in the State of California, County of San Luis Obispo, and is described as follows:

That part of Lot 11 of the subdivisions of a part of the Ranchos el Pismo and San Miguelito, in the City of Grover City, County of San Luis Obispo, State of California, according to map filed for record April 30, 1886 in Book A at page 157 of Maps, lying Southerly of the Southerly line of that certain right of way for highway purposes conveyed to the State of California, by deed recorded September 21, 1928 in Volume 55 at page 84 of Official Records.

TO: SAFECO TITLE INSURANCE COMPANY
ESCROW No.: 140746-myc Date: 4-9-86

I have read the Preliminary Report of Title dated 4-7-86 and approved the following items

1, 2, 3, 4 & 5

to be included as encumbrances to show on policy of title insurance to be issued to me at close of escrow, in addition to those specific items described in my escrow instruction or created by me.

X _____

PLEASE SIGN AND RETURN

Order No. 140746
Schedule B
Page 1

SCHEDULE B

At the date hereof Exceptions to coverage in addition to the printed Exceptions and Exclusions in the policy form designated on the face page of this Report would be as follows:

1. Property taxes, including any assessments collected with taxes, to be levied for the fiscal year 1986-1987 which are a lien not yet payable.

2. The lien of supplemental taxes, if any, assessed pursuant to the provisions of Chapter 3.5 (commencing with Section 75) of the Revenue and Taxation Code of the State of California.

3. An easement for the purpose shown below and rights incidental thereto as set forth in a document

Granted to: County of San Luis Obispo
(No representation is made as to the present ownership of said easement)

Purpose: Public or private streets or highways

Recorded: September 8, 1914 in Book 102 at page 81 of Deeds; March 9, 1926 in Book 11 at page 314 of Official Records; September 21, 1928 in Book 55 at page 84 of Official Records

Affects: Portion of said land

4. An easement for the purpose shown below and rights incidental thereto as set forth in a document

Granted to: Santa Maria Gas Company
(No representation is made as to the present ownership of said easement)

Purpose: Pipe line

Recorded: March 24, 1932 in Book 120 at page 447 of Official Records

Affects: A portion of said land

5. An easement for the purpose shown below and rights incidental thereto as reserved in a document

Purpose: Ingress and egress

Recorded: May 19, 1960 in Book 1065 at page 346 of Official Records

Affects: A portion of said land

Order No. 140746
Schedule B
Page 2

6. A deed of trust to secure an indebtedness in the amount shown below, and any other obligations secured thereby
Amount: \$20,000.00
Dated: November 11, 1974
Trustor: Jon P. Moerman and Karen F. Moerman,
Husband and Wife
Trustee: Title Insurance and Trust Company,
a California corporation
Beneficiary: Leo A. Brisco and Minta L. Brisco,
Husband and Wife
Recorded: December 10, 1974 in Book 1809 at page 288 of Official
Records, under Recorder's Series No. 39406

END OF SCHEDULE B

Note No. 1: The charge for a policy of title insurance, when issued through this title order, will be based on the basic (not short-term) title insurance rate.

NOTE NO. 2: Property taxes for the fiscal year shown below are paid. For proration purposes the amounts are:

Fiscal year 1985-1986	
1st Installment:	\$40.25
2nd Installment:	\$40.25
Land:	\$5,325.00
Improvements:	\$2,165.00
Personal Property:	none
Code Area:	005-013
Assessment No.:	072116-5-3
Parcel No.:	60-011-36

ss 4/8/86

TAX AREA CODE NO. 60-01



HIGHWAY NO. 101

FRONTAGE ROAD

PTN. LOT 11

PTN. LOT 12

RHO. EL PISMO

TRACT NO 269
G SEE MAP 60-60

K

J

I

H

47

45

31

43

39

34

FOR THIS AREA
SEE MAP 60-014

NOTE—ASSESSOR'S BLOCK & LOT NUMBERS SHOW IN CIRCLES

TOWN OF GROVER
CITY OF GROVER CITY
SAN LUIS OBISPO COUNTY
CALIFORNIA

RITCHIE RD.

12TH ST.

REV. 4/10/74

248

Copy of document found at www.NoNewWipTax.com

THOUGHTS ON COUNTY ROAD 6 IN PISMO BEACH ADJACENT TO 1065 OR 346

① Property in Question - 1065/346 Director's Deed from Division of Highways State of California to Leo Brisco & wife May 9, 1960

Deed says "That Part of Lot 11..."

Which doesn't include the County Road No. 6 as State did not own it.

② The road in question is shown on Book A page 157 maps filed for record May 30, 1886.

Lot 11 lies on one side of the road and survey points P84, P85, P86, P87, P88 and P89 all lie on Lot 11 side of the road

The road was not part of Lot 11 of vice versa.

There is no abandonment of this portion of County Road G in the County Road 6 file in the Court House that I can find.

③ Lowell Kratz surveyed the property for Leo Brisco LS 21-57 showing the property in question and did not include the road. Kratz was very careful to not go beyond the easterly boundary of Lot 11 (Jan 6, 1975).

There is no petition from Leo Brisco et al requesting abandonment of this portion of Road 6.

④ State R/W map is in error by not showing County Road No. 6, by Lots H, I, J & K (A-6 maps) It does show a road on west side of property.

④-A Assessors map is in error on A Map No. 60-01.

- ⑤ Assessors map is correct 5-242
- ③ LS 21/57 shows County Road Jan. 1975
- ⑥ LS 4/117 shows County Road
- ⑦ Map B A-158 shows County Road 1880
- ⑧ PM 29-77 shows County Road
- ⑨ Map B A-157 shows County Road 1886
- ⑩ LS 12/110 shows side of County road
- MB A6 shows County road

City is now possessing County Road No. 6 for its well - no private individual can adverse pssess public property.

According to aerial photo - no one is adversely possessing.

OFFICIAL PAPERS
AT ATTORNEY'S
OFFICE

WILLIAM S. WALTER
A Professional Corporation
ATTORNEY AT LAW

MILLER & WALTER

A Partnership of Professional Corporations

THE PROMONTORY • 412 HIGUERA STREET
SAN LUIS OBISPO, CALIFORNIA 93401

TELEPHONE
(805) 541-6601

THIS AND THE OTHER

Real Estate

Public Works

and other

real property

described as follows:

That part of Lot 12
in Block 10 and the
said lot is contained
office of the County
the county of San
conveyed to the
1928 in Volume 58 of
county

RESERVED and retained
rights of ingress
conveyed to or
hereby of
real property
(now a county
only at that

AND BE IT FURTHER

THAT

Accordingly

That

husband and wife, to the State of California, recorded in Volume _____ Page 211, of Official Records of said County, and further, that the State of California paid no consideration for the land hereinafter described.

SECOND, that the purpose of this Quitclaim Deed is to convey to grantees Lee A. Briscoe and Minta L. Briscoe, husband and wife as joint tenants herein all right, title and interest of the State of California in and to the parcel of land above described by reason of same being included through inadvertence and mistake in the above-mentioned deed from said Lee A. Briscoe and Minta L. Briscoe, husband and wife to the State of California;

THIRD, that this conveyance is executed pursuant to the authority vested in the Director of Public Works by law, and, in particular, by the Streets and Highways Code.

WITNESS the hand of the Director of Public Works, and the seal of the Department of Public Works of the State of California, this

9th day of May, 1942.

STATE OF CALIFORNIA

ROBERT B. BRADY
Director of Public Works

Robert B. Brady


ATTEST:
[Signature]
DEPARTMENT OF PUBLIC WORKS

STATE OF CALIFORNIA
County of Sacramento

On this 9th day of May, 1942, before me, MIRA A. CARING
Notary Public in and for the County of Sacramento, State of California, reading therein, duly authenticated and sworn, personally

ROBERT B. BRADY, known to me to be the Director of the Department of Public Works of the State of California, described to and that executed the within instrument, and also known to me to be the person who executed the same on behalf of the State of California therein named and to acknowledge to me that the State of California executed the same.

In Witness Whereof, I have hereunto set my hand and official seal of my office in said county and State aforesaid, this day and year to the foregoing first above written.

Mira A. Caring
Notary Public in and for the County of Sacramento, State of California

NOV 19 1942

RESOLUTION

ENACTED by the California Highway Commission, that in and to the manner and terms and conditions of the Resolution, passed and approved by the Director of Public Works of the State of California, in and to a deed conveying to Lee A. Briscoe and Minta L. Briscoe, husband and wife as joint tenants, a portion of Lot 21 of the subdivisions of a part of the Ranches El Pizarro and San Miguelito in the County of San Luis Obispo, as said lot is delineated on the map recorded April 30, 1935 in the office of the County Recorder of said county, lying southerly of the southerly line of that certain right of way for highway purposes conveyed to the State of California by deed recorded September 21, 1935 in Volume 99 of Official Records, page 84, records of said county, which property was conveyed to the State of California for State highway purposes inadvertently and by mistake, and by reason of having been included in the description in Deed from Lee A. Briscoe and Minta L. Briscoe, husband and wife as joint tenants to the State of California, recorded in Volume 764, Page 211, Official Records of said County, and for which the State of California paid no consideration for the interest herein conveyed, is hereby authorized and approved.



THIS IS TO CERTIFY that the foregoing is a full and correct copy of the original resolution passed by the California Highway Commission of its meeting regularly called and held on the 27th day of April, 1936, in the City of Sacramento, California, a majority of the members of said Commission being present and voting thereon.

Dated this 27th day of April, 1936.

[Signature]

Document No. **11085**
RECORDED AT REQUEST OF
DEPARTMENT OF HIGHWAYS
At _____ Mo. _____ 1936
Vol. _____ Official Record P. 211
San Luis Obispo County, Cal.

MAY 12 1936

RENT C. 1936



OF THE
Subdivisions of a Part of the
Ranches

EL PISMO AND SAN MIGUELITO

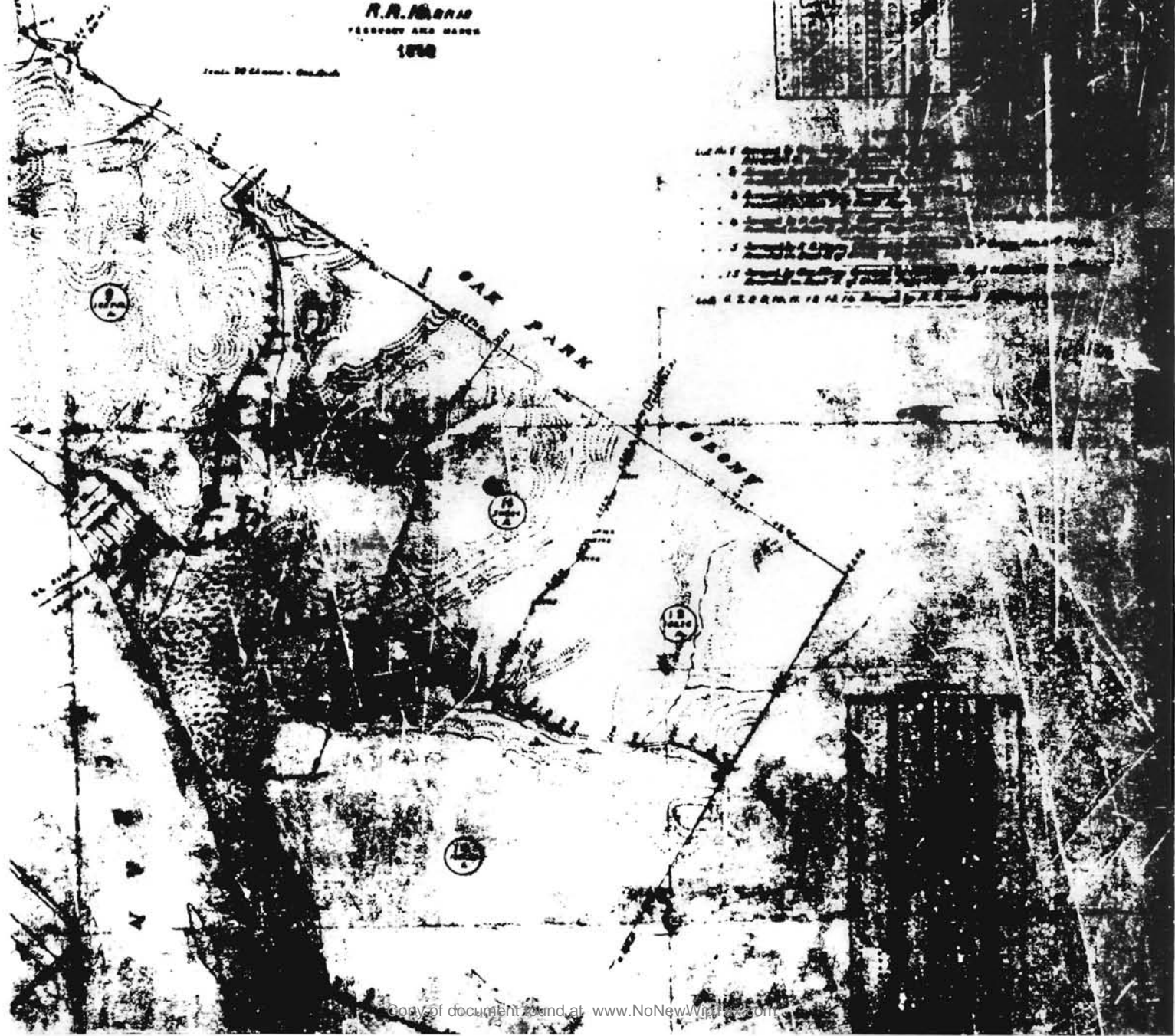
SAN LUIS OBISPO CO. CALIFORNIA.
Partly surveyed and Map drawn

BY
R. R. MORRIS
SURVEYOR AND MAPPER
1870

Scale 20 Chains = One Mile

ESTABLISHMENT OF RANCHES

No.	Name	Acres
1	San Miguelito	1000
2	El Pismo	1000
3	San Juan	1000
4	San Antonio	1000
5	San Carlos	1000
6	San Diego	1000
7	San Francisco	1000
8	San Gabriel	1000
9	San Jose	1000
10	San Luis	1000
11	San Marcos	1000
12	San Mateo	1000
13	San Pedro	1000
14	San Rafael	1000
15	San Sebastian	1000
16	San Vicente	1000
17	San Ysidro	1000
18	San Zebulon	1000
19	San Zenon	1000
20	San Zenon	1000



LOT 11
 RHO'S E.L.P. 5000 S. SAN MARCOS
 A.M. 15779-L.S.M.-42

FIVE CITIES DRIVE

STATE HIGHWAY 101

EL 101

CAMINO

LOT 14
 4-L.S.M.-117

1065-0-R-546
 A-5757 AC

LOT J
 TOWN OF GROVE
 A-N-C FIELDS 1-110

LOT 1
 WITH 5757 AC
 P. 15, 157-118

NOTES
 1. For 1065-0-R-546, see map on page 117 of the
 San Diego County Assessor's Map No. 15779-L.S.M.-42
 2. For 1065-0-R-546, see map on page 117 of the
 San Diego County Assessor's Map No. 15779-L.S.M.-42
 3. For 1065-0-R-546, see map on page 117 of the
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 4. For 1065-0-R-546, see map on page 117 of the
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 7. For 1065-0-R-546, see map on page 117 of the
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 8. For 1065-0-R-546, see map on page 117 of the
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 9. For 1065-0-R-546, see map on page 117 of the
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 10. For 1065-0-R-546, see map on page 117 of the
 San Diego County Assessor's Map No. 15779-L.S.M.-42

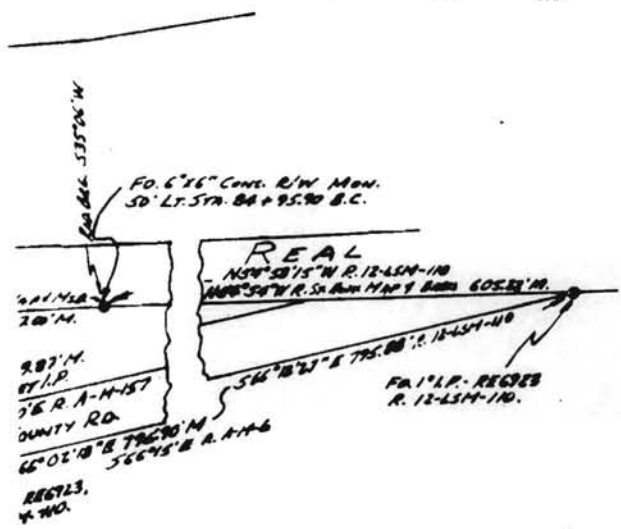
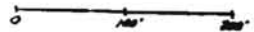
LOT 12



RECORD
 PART OF
 RHO'S E.L.P.
 SAN MARCOS
 CITY OF
 COUNTY OF SAN DIEGO
 SCALE 1"=100'

LS-21-57
LS-21-57

- 12



LOT I
OVER
LSM-110

NOTES

BY ANGLE SPLIT FROM P.T. P.O. BY SOUTHERLY LINE
RD. PER 12-LSM-110.
- DIST. DISTANCE FROM P.O. PER A-116-157.
- THAT P.O. IS THE SOUTHERLY TERMINUS OF THE LINE
987'. RESECTIONMENT OF LOT LINES SHOWN ON 9-LSM-66
- ESTABLISHES THE SOUTHERLY TERMINUS OF THIS LINE
AS SHOWN, 987' NORTHERLY OF P.O.
- ANGLE SPLIT FROM ROAD LINES ESTABLISHED BY P.O. 7
- IN SOUTHERLY LINE OF EL CAMINO ROAD, 205.36'
- P.O. B.C. MON. PER 4-LSM-117.
- REPRESENTS INDICATES AS BUILT PLAN, WITH V-SLO-2-E
- AND SEPT. 27, 1928, ON FILE IN STATE DEPT. OF TRANSP.
- AND HIGHWAYS.

The Basis of Bearing for this survey was taken from
THE SOUTHWESTERLY LINE OF THE
101. NOTED AS N40°30'00" W R. 54-LSM-110
M.A.

— indicates found monuments as noted
○ indicates 1/2" set and tagged R.C.S. 2000

SURVEYOR'S CERTIFICATE

This map correctly represents a survey made
under my direction in accordance with the
provisions of the LAND SURVEYORS ACT of
of _____



CO. SURVEYOR'S CERTIFICATE

This map has been examined for compliance with the
requirements of the LAND SURVEYORS ACT of
of _____

CO. RECORDER'S CERTIFICATE

This map was filed for record on _____
at _____ in Book _____ of _____
at Page _____ of the Recorder's Office
R.C.E. No. 2000
Fee Paid _____
File No. _____

RECORD

PART OF LOT 11 OF THE
RANCHOS EL PISMO AND
SAN MIGUELITO
CITY OF GARDNER CITY

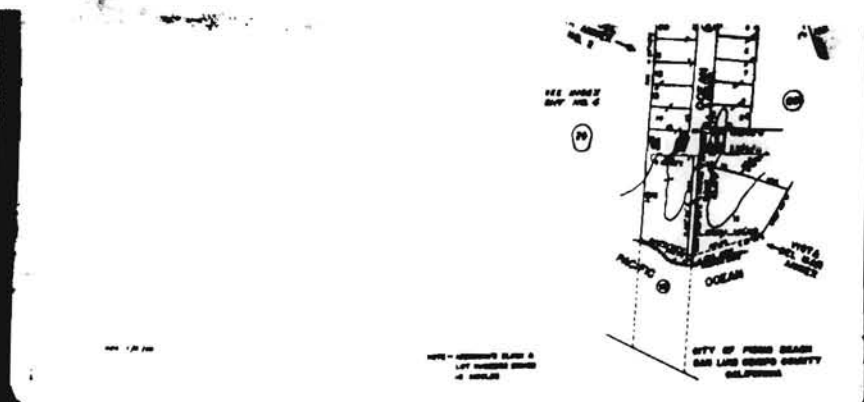
COUNTY OF SAN LUIS OBISPO, CALIFORNIA
Scale 1"=100' DEC 1928
Prepared at the request of _____
BY

LOWELL B. HIRSH
Civil Engineer
Aspen Grove, California

5-242 (5)



MID BEACH
SAND COUNTY
CALIFORNIA



MID BEACH
SAND COUNTY
CALIFORNIA

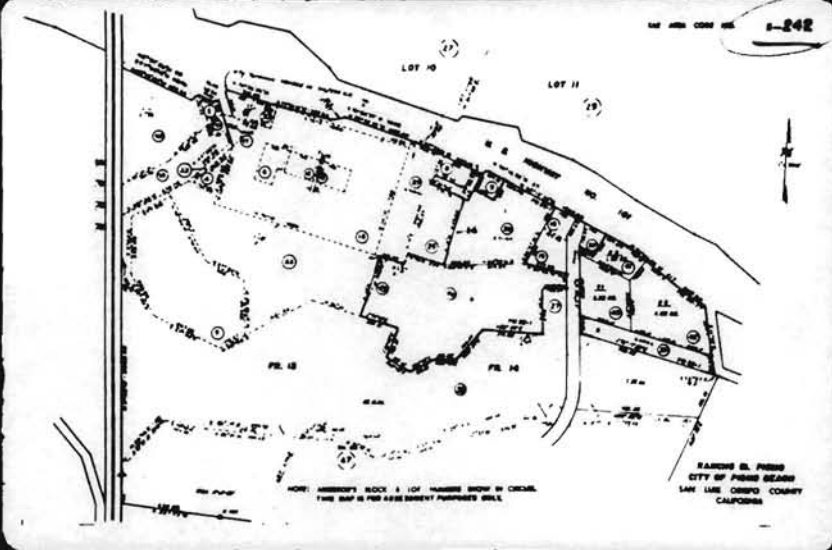
MID BEACH
SAND COUNTY
CALIFORNIA



MID BEACH
SAND COUNTY
CALIFORNIA



MID BEACH
SAND COUNTY
CALIFORNIA



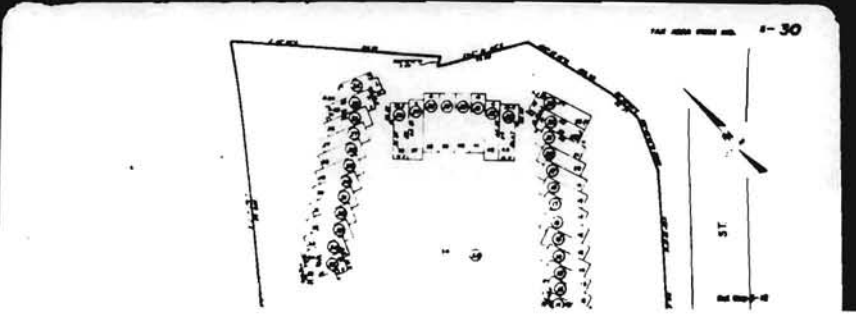
MID BEACH
SAND COUNTY
CALIFORNIA



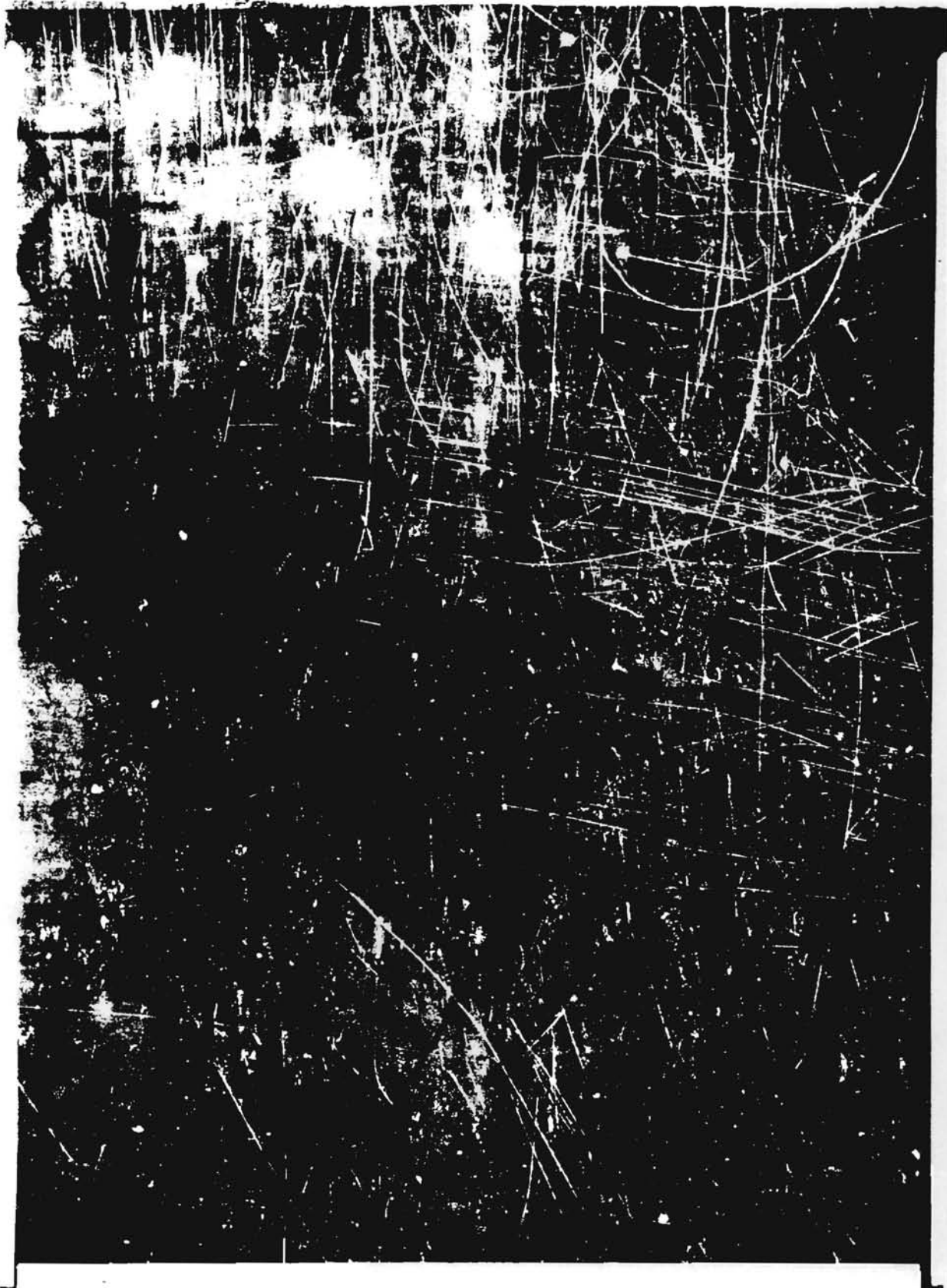
MID BEACH
SAND COUNTY
CALIFORNIA



MID BEACH
SAND COUNTY
CALIFORNIA



MID BEACH
SAND COUNTY
CALIFORNIA

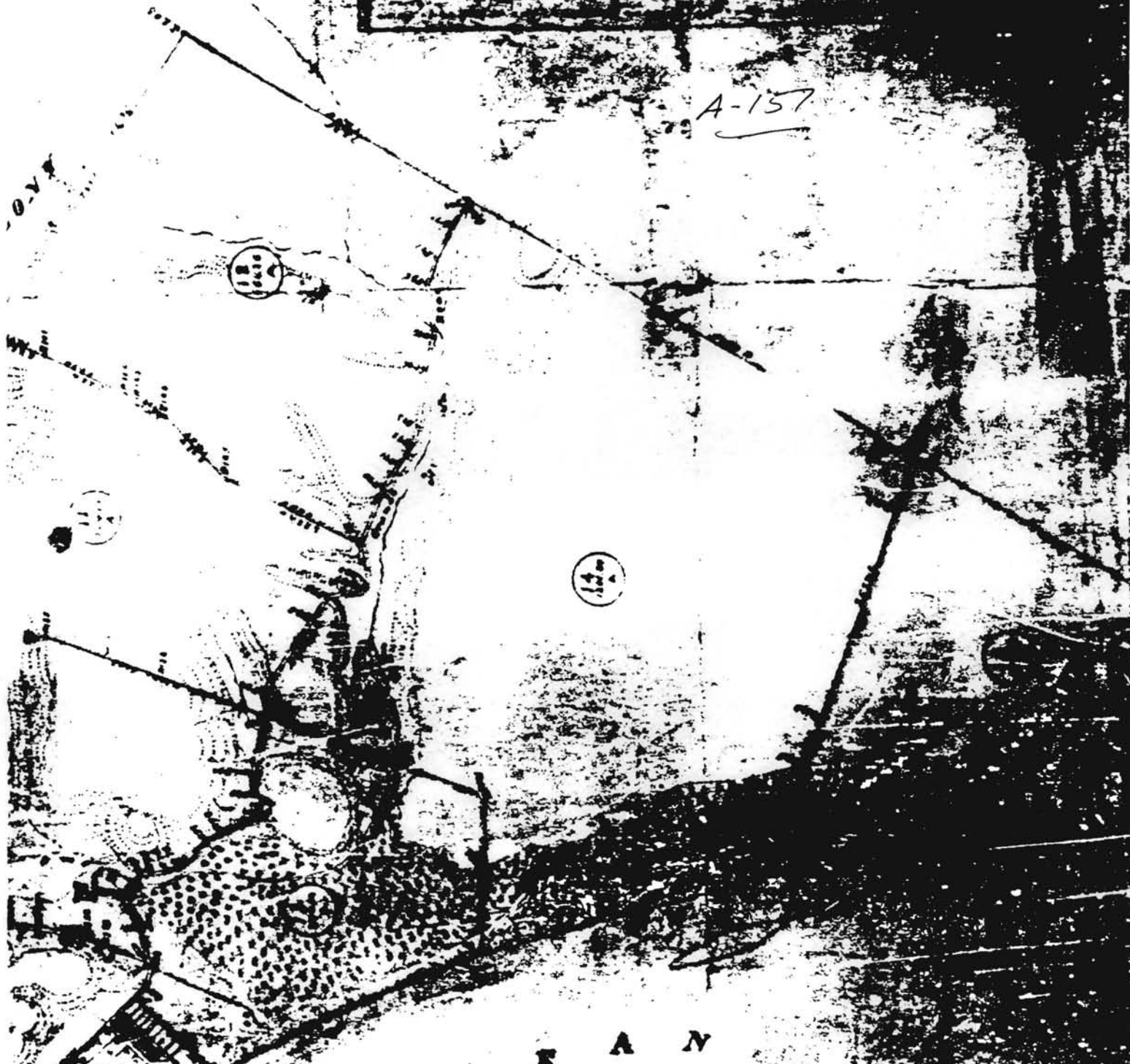


A157 maps
4/30/86

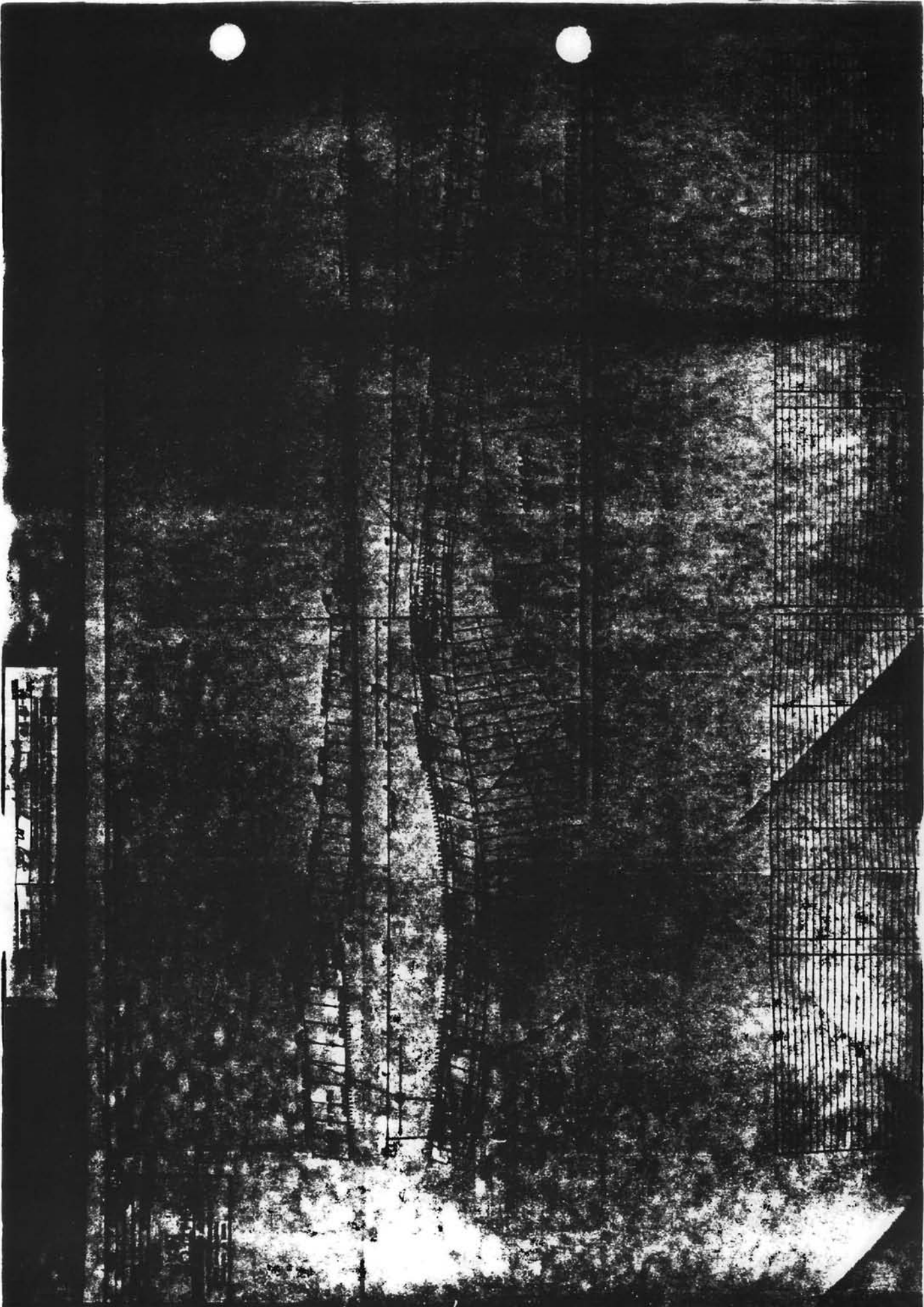
Notes: PG 4 85, 88, 89
are all
Lot



A-157

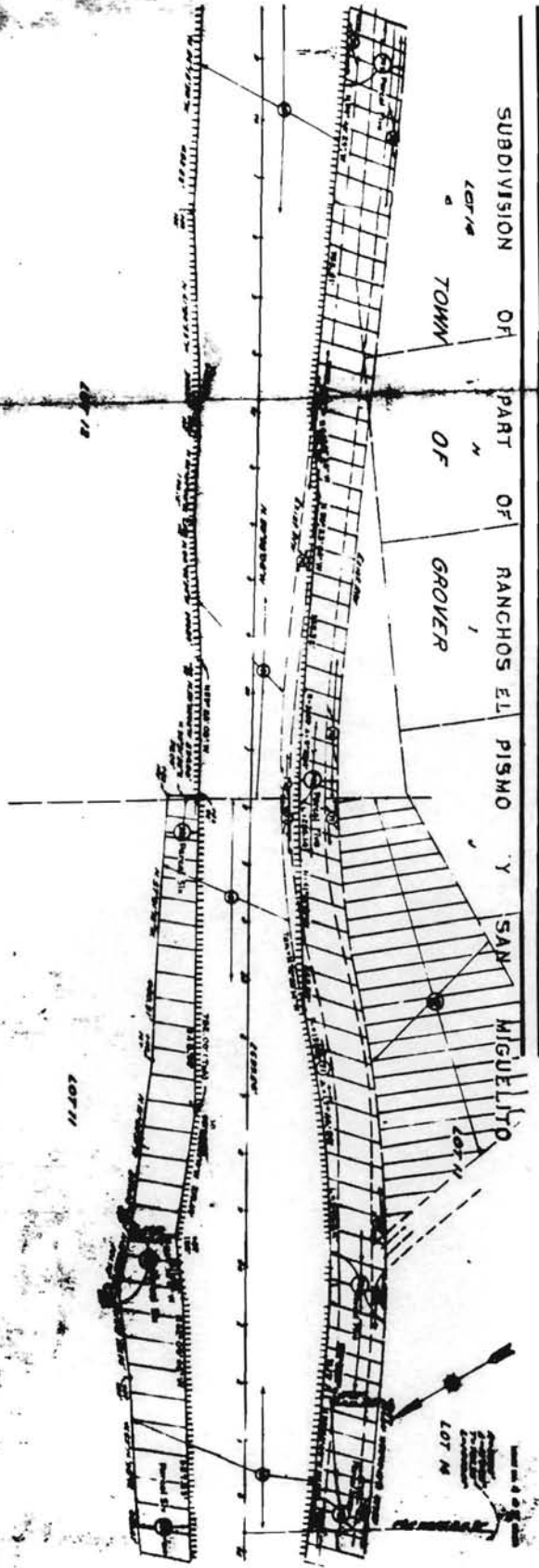


A N



TRACT	ACRES	OWNER	REMARKS
1	1.00
2	1.00
3	1.00
4	1.00
5	1.00
6	1.00
7	1.00
8	1.00
9	1.00
10	1.00
11	1.00
12	1.00
13	1.00
14	1.00
15	1.00
16	1.00
17	1.00
18	1.00
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36	1.00
37	1.00
38	1.00
39	1.00
40	1.00
41	1.00
42	1.00
43	1.00
44	1.00
45	1.00
46	1.00
47	1.00
48	1.00
49	1.00
50	1.00

SUBDIVISION OF PART OF RANCHOS EL PISMO Y SAN MIGUELITO
 OF TOWN OF GROVER



10-18-90
 [Signature]

RIGHT OF WAY
 MAP

In cases of acquisitions by conveyance or condemnation, the property or incidents conveyed or condemned shall be particularly described in the instruments recorded.

949. The board of supervisors may plant shade and ornamental trees on the county highways, and provide for their care. The cost of planting and caring for such trees may be paid from the county general fund.

The board may also encourage, under such regulations as it adopts, the planting and preservation of shade and ornamental trees on the county highways, and may pay a sum not exceeding one dollar (\$1) to any person planting and cultivating a living tree, payment to be made when the tree is four years of age.

950. For the purpose of sprinkling county highways with oil or water, the board of supervisors may erect or maintain waterworks, tanks or reservoirs, and may purchase or lease real or personal property therefor.

The board may charge the cost of erecting or maintaining such waterworks, tanks or reservoirs and of such sprinkling to the county general fund, the road fund, or the district fund of any district benefited.

(Amended by Stats. 1961, Ch. 801.)

951. (a) Such board may set apart on any county highway a strip of land for a side path, and make an order designating the width of such path, and cause the lines separating the path from the highway to be located and marked by stakes or posts, placed at such distances apart as the board considers proper.

(b) After a path is set apart, and the lines separating it from the highway are located and marked, as provided in subdivision (a) of this section, the use of such path is restricted to pedestrians, riders of horses, and riders of vehicles propelled solely by the power of the rider.

(c) The board may charge the expense of erecting and maintaining such path to the county general fund, the road fund, or the district fund of any district benefited.

(Amended by Stats. 1949, Ch. 394, and by Stats. 1961, Ch. 1772.)

952. Such board shall cause properly inscribed guideposts to be erected and maintained at all county highway crossings and forks lying outside of any city.

953. A board of supervisors may, acting separately or in conjunction with state or federal agencies, or with another county, burn or remove debris, rubbish, brush, and grass from the county highways. When acting in conjunction with other agencies or counties, a board may so act outside its county.

The expense incurred by a county, acting pursuant to this section, shall be paid out of any road fund of the county. When a county is acting in conjunction with another agency or county the share of the expense to be borne by each shall be arrived at by agreement.

954. Except in the case of highways dedicated to the public by deed or by express dedication of the owner or acquired

through eminent domain proceedings, all county highways which for a period of five consecutive years are impassable for vehicular travel, and on which during such period of time no public money is expended for maintenance, are unnecessary highways, subject to abandonment pursuant to Sections 955 and 956, or as herein provided. The board of supervisors of any county on its own motion or on the petition of any interested taxpayer of the county may abandon any such unnecessary highway or may designate such county highway a stock trail. The board of supervisors shall cause notices to be posted upon such stock trails, and also at the entrance of such stock trails, directing all persons to drive all untethered stock thereon.

After a stock trail has been established or designated as provided in this chapter, the county is not liable for death or injury to a vehicle owner or operator or passenger, or for damage to a vehicle or its contents, resulting from a dangerous condition of the stock trail.

Such stock trails shall not be included in the term "maintained mileage of county roads" as that term is used in Chapter 3 of Division 3 of this code.

(Amended by Stats. 1937, Ch. 314, by Stats. 1949, Ch. 346, and by Stats. 1963, Ch. 1681.)

955. Upon the filing of such petition, the board shall by order fix a day for the hearing of the petition, and shall post notices conspicuously along the line of the highway proposed to be abandoned at least two weeks prior to the day fixed for the hearing. Such notices shall be posted not less than five hundred feet apart, but at least three shall be posted. Such notices shall state the filing of such petition and the time and place of the hearing.

(Amended by Stats. 1961, Ch. 1012.)

956. The board shall, on the day fixed for the hearing, or on the day to which the hearing is postponed or continued, hear the petition and the evidence offered in support thereof. If the board finds from such evidence that all or some part of the highway is unnecessary within the meaning of Section 954, the board shall make its order abandoning all or such part of the highway. The clerk shall cause a certified copy of such order, attested by the clerk under the seal of the board, to be recorded in the office of the county recorder.

956.8. The board may, by resolution, declare its intention to abandon any county highway.

(Added by Stats. 1941, Ch. 566.)

957. Any 10 freeholders, two of whom are residents of the road district in which some parts of the highway affected is situated, and are taxable therein for highway purposes, may petition the board to abandon all or any part of any county highway.

957.5. The board may require payment of reasonable fees for filing petitions or applications for abandonment of all or any part of a county highway to defray the expense of inves-

tigations, publications and postings. The applicant or petitioner shall deposit such estimated cost with the county officer designated by the board and upon completion of the proceedings any unused portion of the deposit shall be refunded to the applicant or petitioner and in the event the costs exceed the deposit the county shall bear such excess costs. Nothing herein contained shall be construed to prevent the board from abandoning all or any part of a county highway without requiring the filing of an application or petition or charging such costs where the board determines it is in the public interest to do so.

(Added by Stats. 1959, Ch. 1145.)

958. Upon the making of such resolution of intention or filing of such petition, the board shall by order fix a day for hearing the resolution or petition and shall give notice to all freeholders in the road district of the time and place fixed for the hearing. Such notice shall be given by publication in a newspaper of general circulation published in the county and designated in the order by the board, for at least two successive weeks prior to the day fixed for the hearing. The board shall also conspicuously post a similar notice along the line of the highway proposed to be abandoned at least two weeks prior to the day fixed for the hearing.

(Amended by Stats. 1941, Ch. 566, and by Stats. 1961, Ch. 1012.)

959. The board shall, on the day fixed for the hearing, or on the day to which the hearing is postponed or continued, hear the evidence offered by any party interested. If the board finds, from all the evidence submitted, that any county highway described in the petition, or any part of such highway, is unnecessary for present or prospective public use, the board may make its order abandoning such highway, or part thereof.

959.1. In any proceeding for the abandonment of any county highway or part thereof, the board may in its order reserve and except from the abandonment the easement and right at any time, or from time to time, to construct, maintain, operate, replace, remove and renew sanitary sewers and storm drains and appurtenant structures in, upon, over and across any highway or part thereof proposed to be abandoned and pursuant to any existing franchise or renewals thereof, or otherwise, to construct, maintain, operate, replace, remove, renew and enlarge lines of pipe, conduits, cables, wires, poles, and other convenient structures, equipment and fixtures for the operation of gas pipe lines, telegraphic and telephone lines, railroad lines and for the transportation or distribution of electric energy, petroleum and its products, ammonia, water, and for incidental purposes, including access to protect the property from all hazards in, upon and over the highway or part thereof proposed to be abandoned.

(Added by Stats. 1949, Ch. 936.)

960. Upon the making of such order of abandonment, the public easement, if the county owns only an easement, in the highway or part abandoned, ceases except to the extent

reserved in the order of abandonment, and the title to the land previously subject thereto reverts to the respective owners thereof free from the public easement, except to the extent reserved in the order of abandonment. The clerk shall cause a certified copy of such order attested by the clerk under the seal of the board of supervisors to be recorded in the office of the county recorder. Where the county owns the property on which the abandoned highway was located in fee, the board of supervisors may dispose of the property as provided in Section 960.4, subject to any easements reserved in the order of abandonment.

(Amended by Stats. 1941, Ch. 970, and by Stats. 1949, Ch. 936.)

960.1. The board of supervisors of any county may retain or may summarily vacate and abandon any portion of a county highway which portion has been superseded by relocation, except in case such abandonment would cut off all access to the property of any person which, prior to such relocation, adjoined the highway.

(Added by Stats. 1941, Ch. 970.)

960.2. The board of supervisors may act to abandon any easement or to vacate any highway, mentioned in Section 960.1, by resolution. A certified copy of such resolution shall be recorded in the office of the county recorder. No fee shall be charged for such recordation. On such recordation the abandonment or vacation is complete.

(Added by Stats. 1941, Ch. 970.)

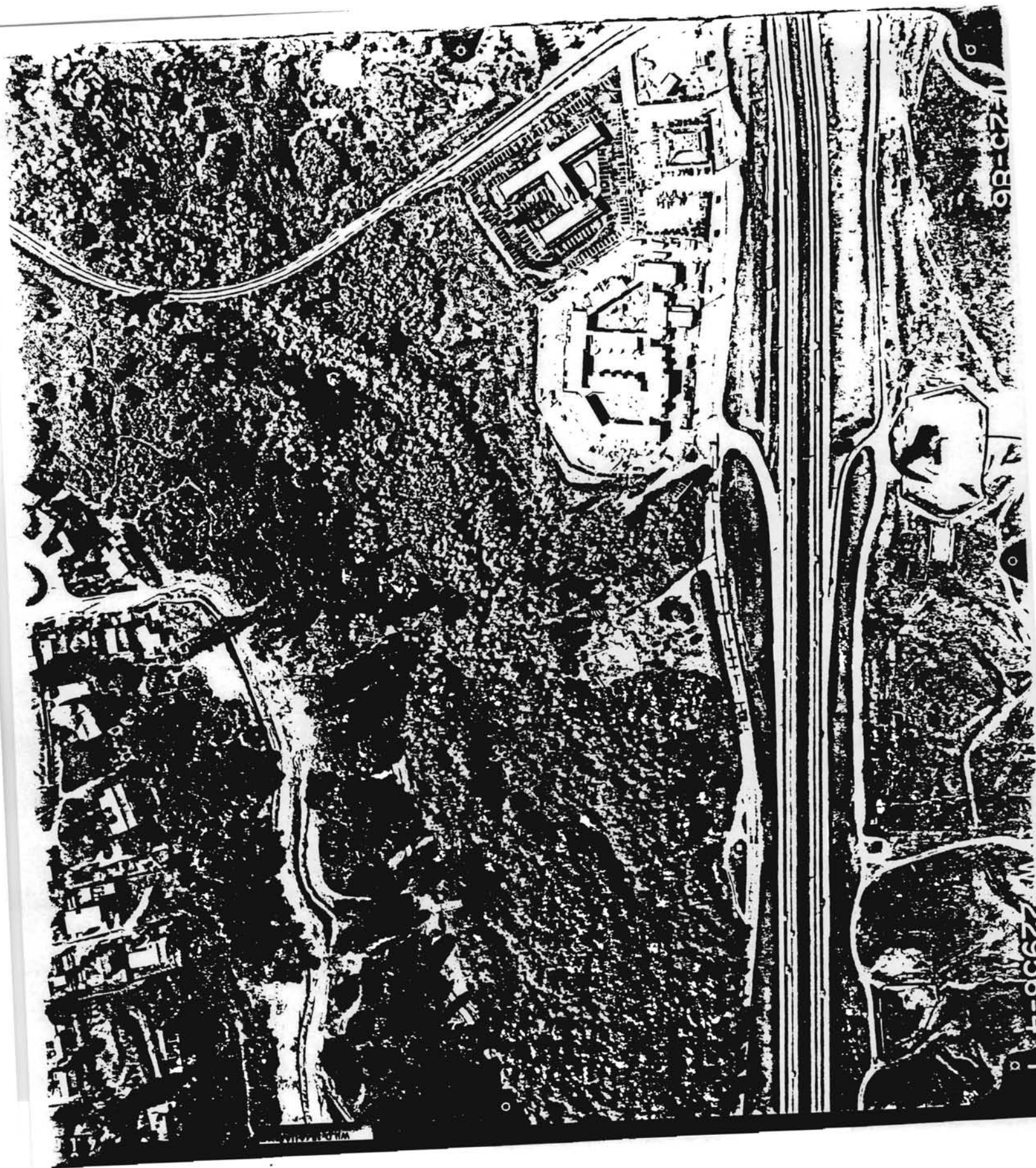
960.3. On abandonment of an easement, title thereto reverts to the owner of the underlying fee. On vacation of a highway, where the county owns only an easement, title likewise so reverts. Where the county owns the property on which the vacated highway was located in fee, the board of supervisors may dispose of the property as provided in Section 960.4.

(Added by Stats. 1941, Ch. 970.)

960.4. Whenever the board of supervisors determines that any real property or interest therein, heretofore or hereafter acquired by the county for highway purposes, is no longer necessary for such purposes, the county may sell or exchange such real property or interest therein in the manner and upon the terms and conditions approved by the board of supervisors. Any such conveyance shall be executed on behalf of the county by the chairman of the board of supervisors, and the purchase price shall be paid into the county treasury to the credit of any fund, available for highway purposes, which the board of supervisors designates.

(Added by Stats. 1941, Ch. 970.)

960.5. The term "county highway" as used in Sections 954 to 960.4, inclusive, relating to abandonment, shall be deemed to include, but not be limited to, any public highway, road, street, avenue, alley, lane, drive, way, place, court or trail, or



COUNTY OF SAN LUIS OBISPO
HEALTH AGENCY

Department of Public Health
2191 Johnson Avenue • P.O. Box 1489
San Luis Obispo, California 93406
(805) 549-5500

Division of Environmental Health
549-5544

*File one
copy in each
well file*



May 13, 1986

City of Pismo Beach
P.O. Box 3
Pismo Beach, California 93449

Wells #1A #4 #10
#2A #8 #11
#2 #9

A review of the well driller's report as submitted by Myers Bros., Inc. on your property located on Section 13, Township 32 South, Range 12 East County of San Luis Obispo, has been made and we are pleased to advise you that the well construction is approved. This letter does not imply approval as to quantity or chemical quality.

TIM MAZZACANO, R.S., Director
Division of Environmental Health

Michael J. Doherty

MICHAEL J. DOHERTY, R.S.
Supervising Environmental Health Officer

TM/MJD:15

RECEIVED

MAY 13 1986

**CITY OF PISMO BEACH
FINANCE DEPT.**

RESOLUTION NO. R-86-1

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF PISMO BEACH AUTHORIZING THE FILING OF AN APPLICATION WITH THE STATE DEPARTMENT OF HEALTH TO PERMIT THE CONSTRUCTION AND OPERATION OF NEW WATER WELLS.

BE IT RESOLVED by the City Council of the City of Pismo Beach that pursuant and subject to all of the terms, conditions and provisions of Division 5, Part 1, Chapter 7, Sections 4010 to 4035 of the California Health and Safety Code and all amendments thereto, relating to domestic water supplies, application by this City be made to the State Department of Health, for a permit to construct and operate new wells #9, 10, & 11 to serve the City of Pismo Beach as shown on Exhibit A; and

BE IT FURTHER RESOLVED that the City Administrator of the City of Pismo Beach be and he is hereby authorized and directed to cause the necessary data to be prepared, and investigations to be made, and in the name of said City to sign and file such application with the said State Department of Health.

UPON MOTION of Councilmember Dillon, seconded by Councilmember Hubbard, the foregoing Resolution is hereby passed and adopted at a regular meeting of the City Council held this 13th day of January, 1986, on the following roll call vote, to wit:

- AYES: Dillon, Hubbard, Hearn, Eldwayen.
- NOES: None.
- ABSTAIN: None.
- ABSENT: Carter.

Nebb Eldwayen

 Nebb Eldwayen
 Mayor

ATTEST:

APPROVED AS TO FORM:

Terry A. Briscoe

 Terry A. Briscoe
 City Clerk

A.J. Shaw, Jr.

 A.J. Shaw, Jr.
 City Attorney

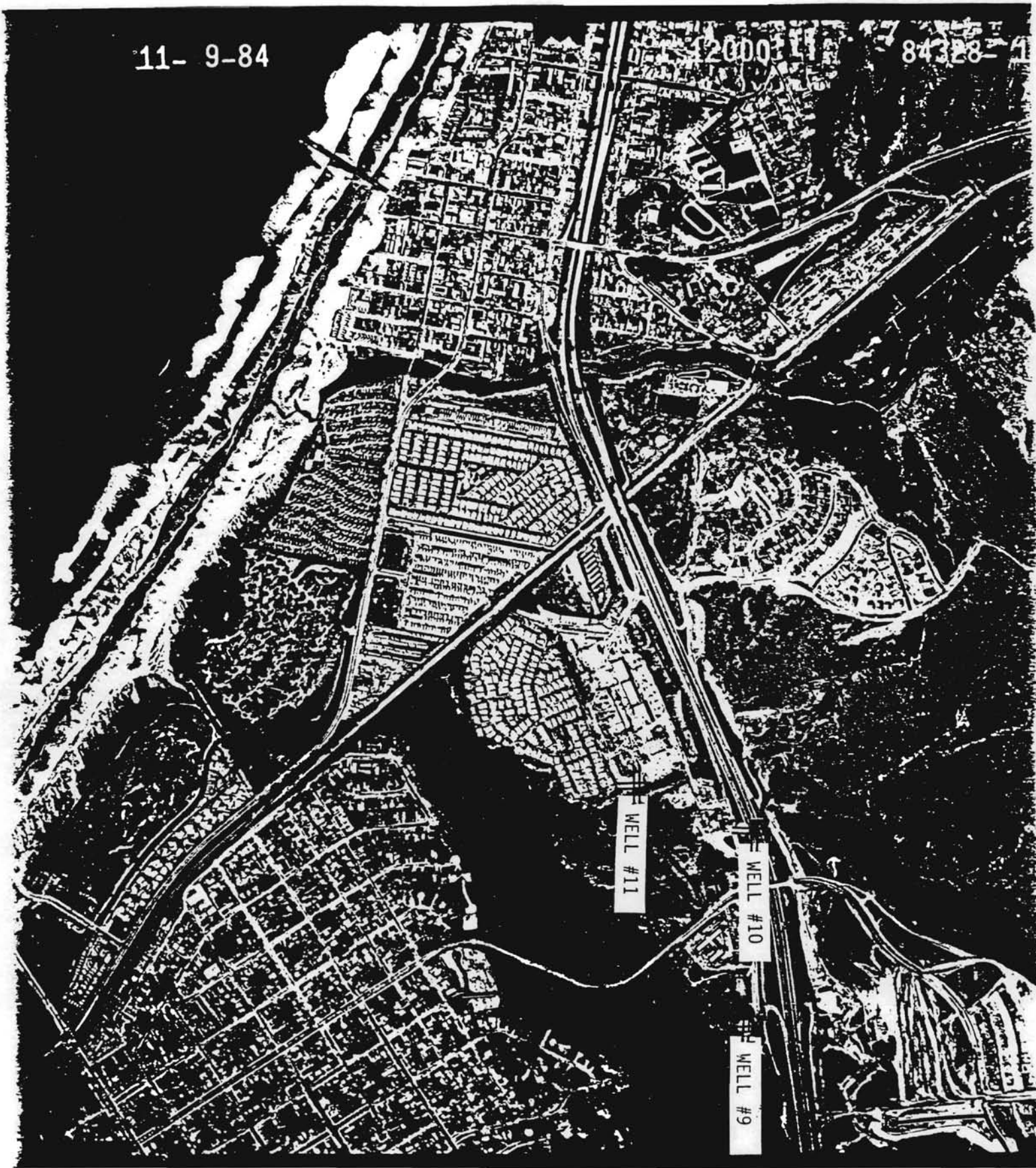
HEREBY CERTIFY THE FOREGOING IS A TRUE AND CORRECT COPY OF ALL THAT PASSED AT A REGULAR MEETING OF THE CITY COUNCIL OF THE CITY OF PISMO BEACH AT A REGULAR MEETING HELD ON THE 13th DAY OF January, 1986.
Maurice W. Ladd

 Deputy City Clerk

11- 9-84

2000

84328-1



STATE OF CALIFORNIA
DEPARTMENT OF HEALTH

Certified Copy of Resolution
(To accompany application on Form A1)

"Resolved by the City Council
(City council, board of trustees or other governing body)

of the City of Pismo Beach
(City, town or county, etc.)

that pursuant and subject to all of the terms, conditions and provisions of Division 5, Part 1, Chapter 7, Sections 4010 to 4035 of the California Health and Safety Code and all amendments thereto, relating to domestic water supplies, application by this City
(City, town or county, etc.) be made to the State Department of Health, for a permit to

Construct and Operate New Wells #9, 10, & 11 to serve
Applicant must state specifically what is being applied for—whether to construct new works, to use existing works, to make alterations or additions in
the City of Pismo Beach as shown on exhibit A
works or sources and state nature of improvement in works. Enumerate definitely source or sources of supply, kind of works used or considered (if known)
and specify the locality to be served. Additional sheets may be attached.

that the City Administrator of said City Council
(Title of chief executive officer) (City council, board of trustees or other governing body)

be and he is hereby authorized and directed to cause the necessary data to be prepared, and investigations to be made, and in the name of said City
(City, town or county, etc.) to sign and file such application with the said State Department of Health.

Passed and adopted at a regular meeting of the City Council
(Governing body)

of the City of Pismo Beach on the 13th day of January, 1986.
(City, town or county, etc.)

[AFFIX
OFFICIAL SEAL
HERE]

Terry A. Bruce
Clerk of said City
(City, town or county, etc.)

STATE OF CALIFORNIA
DEPARTMENT OF HEALTH

Application from The City of Pismo Beach
(Name of municipality or civil subdivision)
organized under General Law (incorporated April 25, 1946)
(State whether special charter or under general law, giving class and date of incorporation)

To the State Department of Health
2151 Berkeley Way
Berkeley, California 94704

Pursuant and subject to all of the terms, conditions and provisions of Division 5, Part 1, Chapter 7, Sections 4010 to 4035 of the California Health and Safety Code and all amendments thereto, relating to domestic water supplies, application is hereby made to said State Department of Health for a permit to

Construct and Operate New Wells numbered 9, 10, & 11
Applicant must state specifically what is being applied for—whether to construct new works, to use existing works, to make alterations or additions in works or sources and state nature of improvement in works. Enumerate definitely source or sources of supply, kind of works used or considered (if known)
to serve the City of Pismo Beach at locations shown on
exhibit A
and specify the locality to be served. Additional sheets may be attached.

Dated January 13, 1986

AFFIX OFFICIAL SEAL HERE

City of Pismo Beach
(Name of municipality or civil subdivision, in full)
By Leslie J. Crist, City Administrator
(Signature of chief executive officer with official title and post office address)

Attest.
Terry A. Briscoe
(Signature of clerk or corresponding official with title and post office address)
Terry A. Briscoe, City Clerk

NOTES

Before making application for permit, such action must be authorized by resolution of the governing board, substantially in the form furnished by the State Department of Health (Domestic Water Supplies, Form A2) and a copy of such resolution, duly certified by the clerk of such board, must accompany the application.

CITY OF PISMO BEACH, CALIFORNIA



APPENDIX F-3
NOTICE OF EXEMPTION

TO: x Office of Planning and Research
1400 Tenth St., Room 121
Sacramento, CA 95814

 x County Clerk
County of San Luis Obispo

FROM: Department of Public Services
City of Pismo
P.O. Box 3
Pismo Beach, CA 93449

PROJECT TITLE: Oak Park Wells

PROJECT LOCATION (Specific): near the intersection of 4th street and the freeway

PROJECT LOCATION (City): Pismo Beach

PROJECT LOCATION (County): San Luis Obispo County

DESCRIPTION OF NATURE, PURPOSE, AND BENEFICIARIES OF PROJECT: Installation of three (3) new wells to replace three (3) old City wells as shown on exhibit A

PUBLIC AGENCY APPROVING PROJECT: City of Pismo Beach

PERSON OR AGENCY CARRYING OUT PROJECT: Department of Public Services

EXEMPT STATUS : (Check one)

- Ministerial (Sec. 15073)
- Declared Emergency (Sec. 15071 (a))
- Emergency Project (Sec. 15071 (b) and (c))
- x Categorical Exemption (State type and section number): Class 2.C

REASONS WHY PROJECT IS EXEMPT: Wells #9, 10 and 11 will replace Wells #1,3, and 4 which were abandoned. Water is approximately the same.

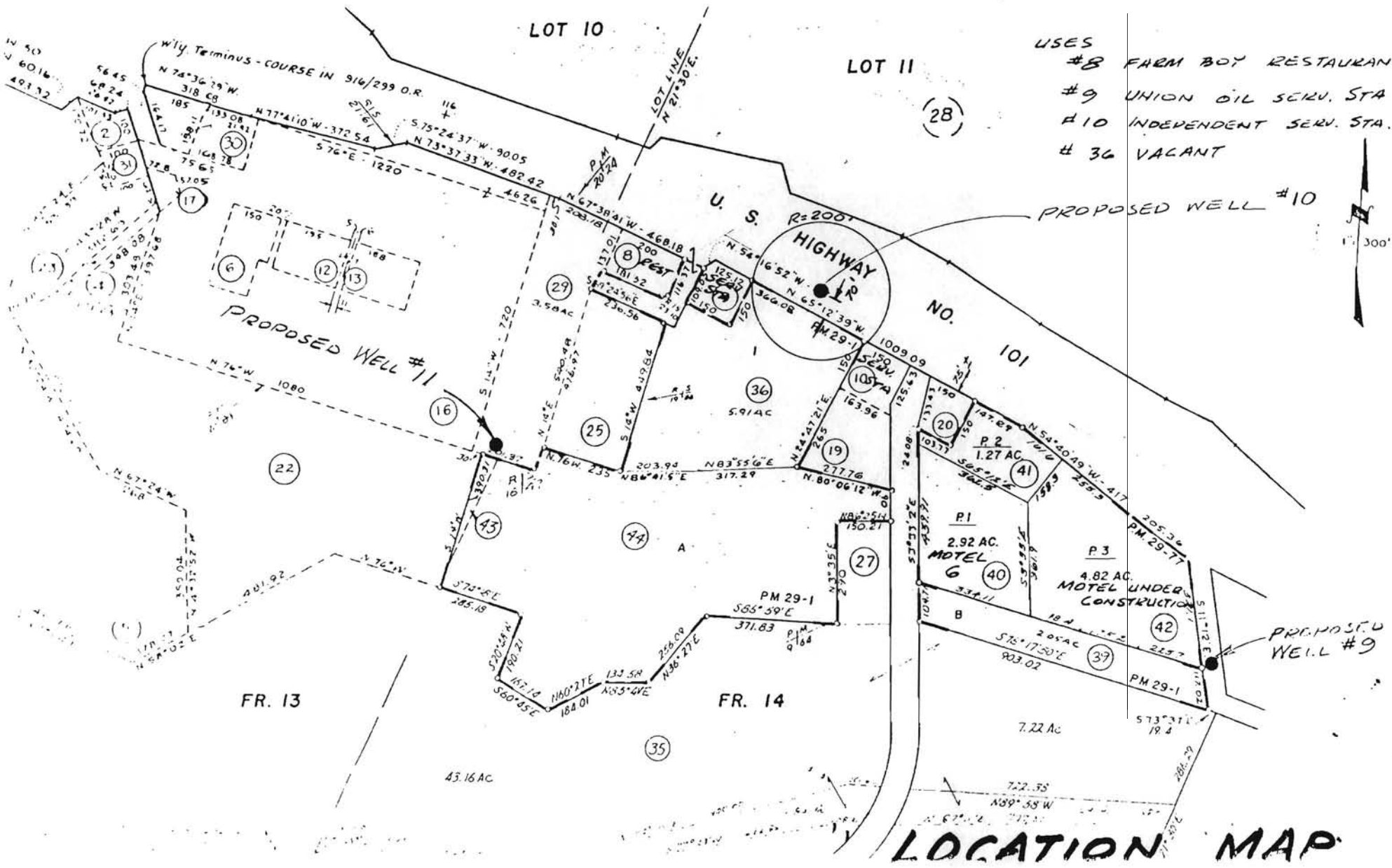
CONTACT PERSON: Hal Halldin; TELEPHONE: (805) 773-4656

If filed by applicant, (1) attach certified document of exemption finding, (2) Has a notice of exemption been filed by the public agency approving the project? Yes x No

1-14-86

Date received for filing

Dave Watson
Director of Public Services



- USES
- #8 FARM BOY RESTAURANT
 - #9 UNION OIL SERV. STA
 - #10 INDEPENDENT SERV. STA.
 - #36 VACANT

LOCATION MAP



**WELL ENGINEERING SURVEYS
ELECTRIC LOG**

FILING NO.	COMPANY <u>MYERS BROS. DRILLING</u>	
	WELL <u>SITE #9</u>	
	FIELD <u>4th & 101, PISMO BEACH</u>	
	STATE <u>CALIFORNIA</u>	COUNTY <u>SAN LUIS OBISPO</u>
LOCATION:		OTHER SERVICES:
SEC. _____ TWP. _____ RGE. _____		NONE

Permanent Datum: <u>G.L.</u> , Elev. _____	Elev.: <u>K.B.</u>
Log Measured From <u>G.L.</u> , _____ Ft. Above Perm. Datum	D.F. _____
Drilling Measured From <u>G.L.</u>	G.L. _____

Date	12-12-85				
Run No.	ONE				
Depth—Driller	400'				
Depth—Logger	399'				
Btm. Log Inter.	398'				
Top Log Inter.	42'				
Casing—Driller	-	●	●	●	●
Casing—Logger	-				
Bit Size	4 3/4"				
Type Fluid in Hole	MUD				
Dens. Visc.	N/A				
pH Fluid Loss	N/A ml				
Source of Sample	PIT				
R ₁ @ Meas. Temp.	15.6 @ 58 °F	●	●	●	●
R ₂ @ Meas. Temp.	14.9 @ 61 °F	●	●	●	●
R ₃ @ Meas. Temp.	N/A @ °F	●	●	●	●
Source: R ₁ R ₂	M				
R ₁ @ BHT	N/A @ °F	●	●	●	●
Time Since Circ.	1 HOUR				
Max. Rec. Temp.	N/A °F				
Equip. Location	CUBE BFL				
Recorded By	D.L. CRAIG				
Witnessed By	MR. CLEATH				

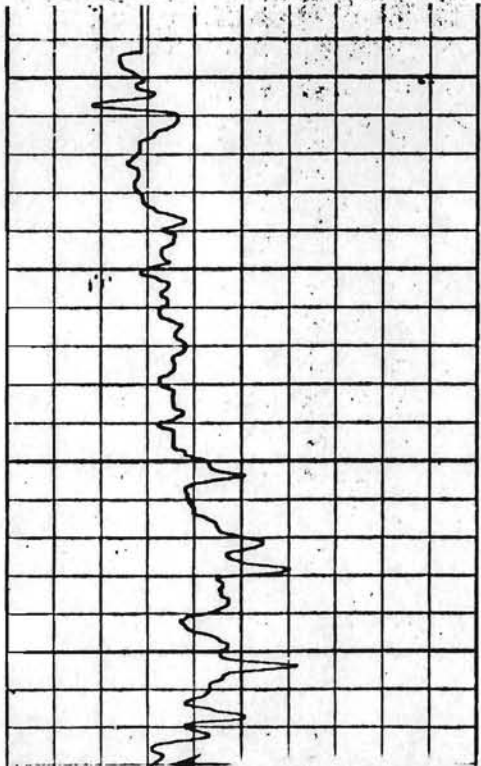
This Heading and Log Conform To API RP 31

REMARKS	Scale Changes		Type Log	Depth	Scale Up Hole	Scale Down Hole
	Changes in Mud Type or Additional Samples					
Date Sample No.	12-12	TWO				
Depth—Driller	400'					
Type Fluid in Hole	MUD					
Dens. Visc.	N/A					
ph Fluid Loss	N/A	ml				
Source of Sample	PIT					

Equipment Data

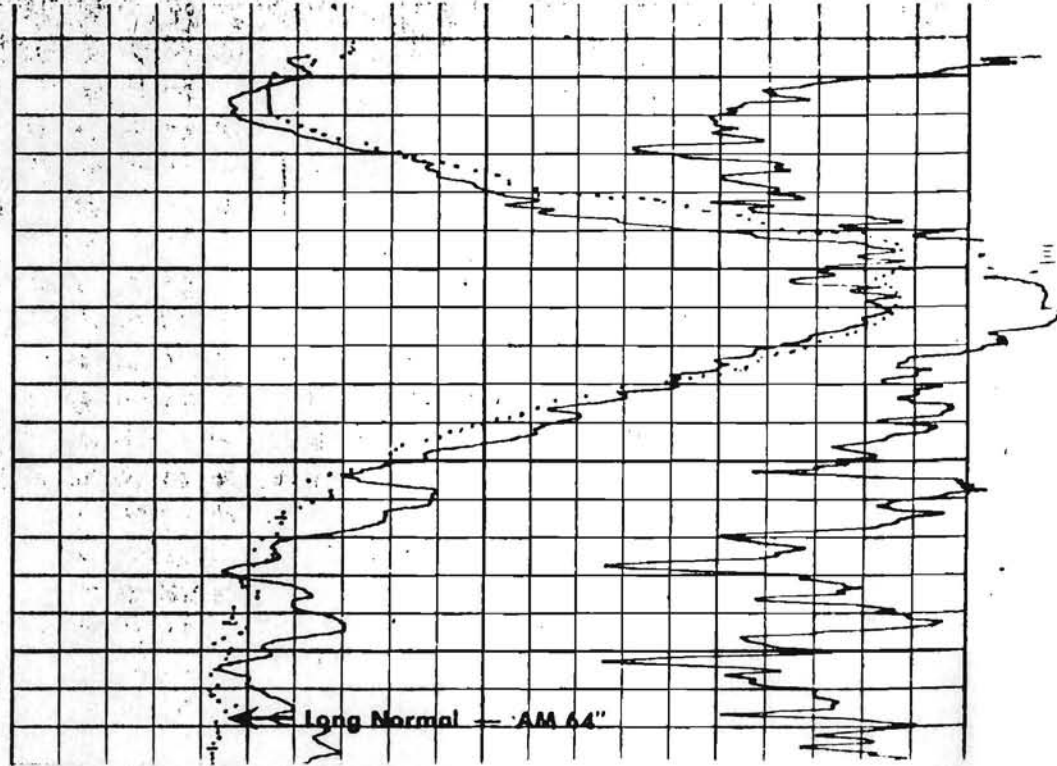
Source: [unclear]									
R _m @ BHT	N/A	@	'F	@	'F				
R _{at} @ BHT	N/A	@	'F	@	'F				
R _{ac} @ BHT	N/A	@	'F	@	'F				

SPONTANEOUS POTENTIAL millivolts	Depth	RESISTIVITY ohms. m ² /m	RESISTIVITY ohms. m ² /m
		SHORT NORMAL 16 Inch	
	0		50
		LONG NORMAL 64 Inch	
	0		50
			RESISTANCE Detail Curve

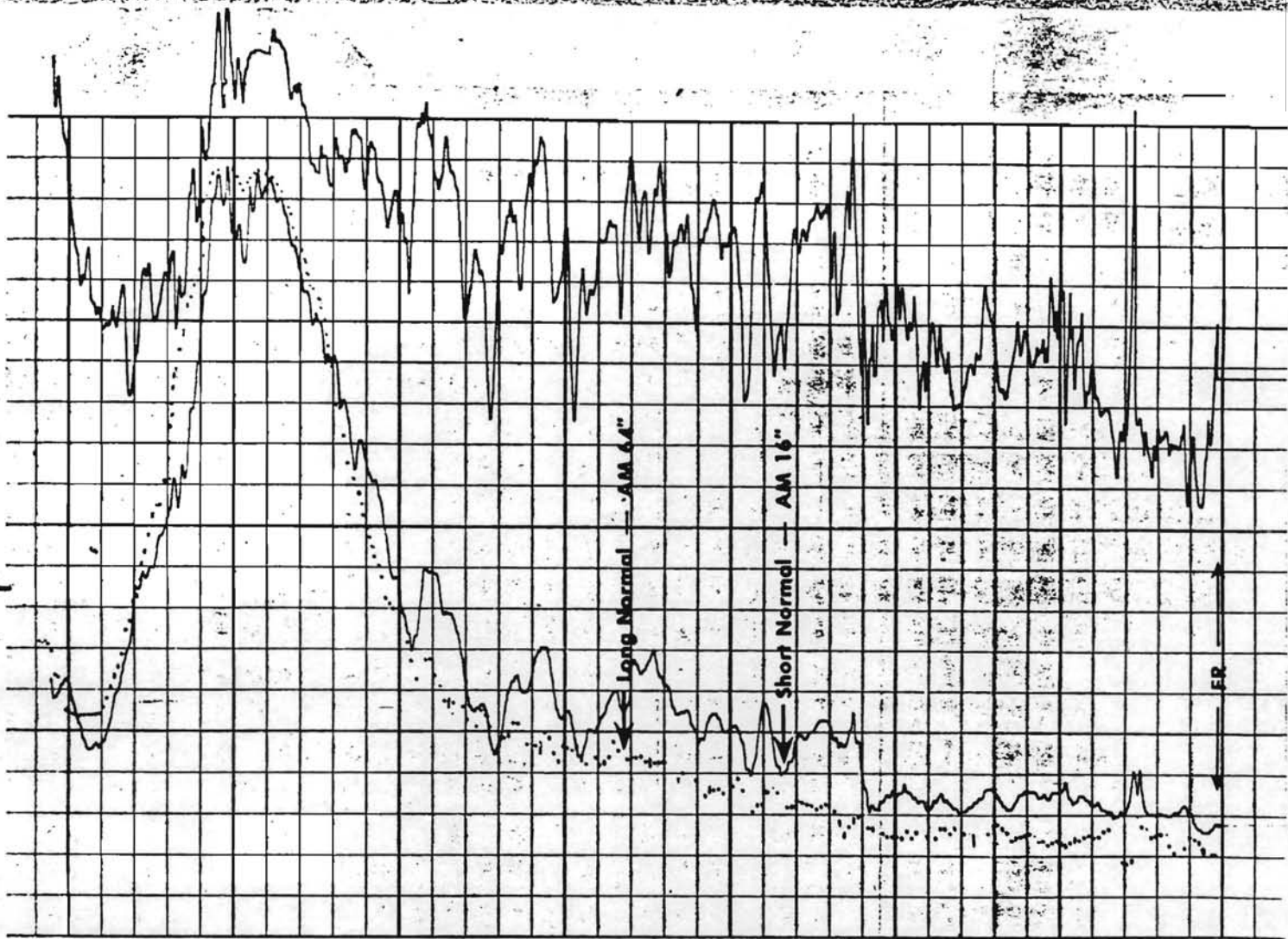


100

200



Long Normal - AM 64"

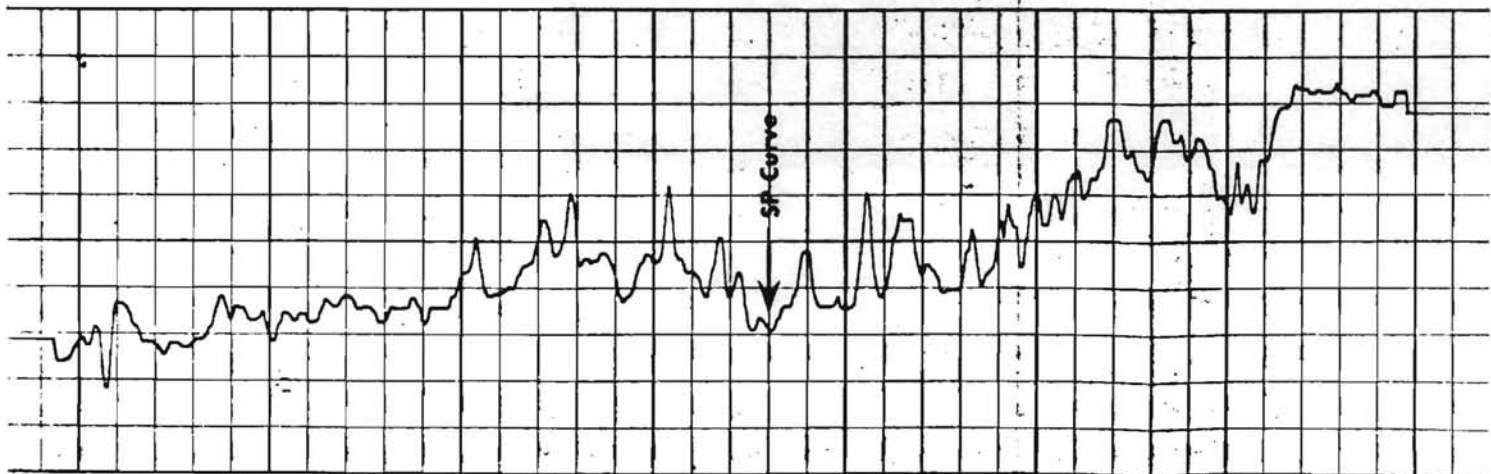


100

200

300

400



SP Curve

Central
Coast
Analytical
Services

**CENTRAL COAST
ANALYTICAL SERVICES**
Air, Water & Hazardous Waste Analysis
141 Suburban Road, Suite C-4
San Luis Obispo, California 93401
(805) 543-2553

LAB NUMBER : B-5294
COLLECTED : 12/31/85
RECEIVED : 12/31/85
REPORTED : 02/10/86
P.O. NUMBER : Verbal

Submitted By:

City of Pismo Beach
1000 Bello St.
Pismo Beach, CA 92449

RECEIVED
FEB 19 1986
CITY OF PISMO BEACH
PUBLIC SERVICES

SAMPLE DESCRIPTION:
Test Well #9 *Site*

REPORT

CONSTITUENT	REPORTED AS	LEVEL FOUND mg/l
ALUMINUM	Al	---
ARSENIC	As	<0.01
BARIUM	Ba	0.8
BERYLLIUM	Be	---
CADMIUM	Cd	<0.001
CHROMIUM, TOTAL	Cr	<0.005
CHROMIUM, HEXAVALENT	Cr(VI)	---
COBALT	Co	---
COPPER	Cu	---
LEAD	Pb	<0.005
MERCURY	Hg	<0.0002
MOLYBDENUM	Mo	---
NICKEL	Ni	---
SELENIUM	Se	<0.005
SILVER	Ag	<0.01
THALLIUM	Tl	---
VANADIUM	V	---
ZINC	Zn	---

(<) means less than and this is the detection limit as applied to this analysis.

Encl: Invoice # 10578
MH/dm

CC: Tim Cleath &
Garing & Taylor

Respectfully submitted,
CENTRAL COAST ANALYTICAL SERVICES
By *Mary Havlicek*
Mary Havlicek, Ph.D., President

CERTIFIED WATER LABORATORY BY THE DEPARTMENT OF PUBLIC HEALTH FOR COMPLETE CHEMICAL AND BACTERIOLOGY

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Copy of document found at www.NoNewWipTax.com

CENT. COAST ANALYTICAL SERVICE

CHECKLIST: WATER ANALYSIS # **B-5294**

MCL refers to Maximum Contaminant Level as given in Title 22, Domestic Water Quality Standards, California Administrative Code 1977. The full text can be reviewed in our library. Only those constituents listed under 'Inorganic Chemicals' have potential toxic effects when above MCL. All of the other constituents (when above the MCL) may contribute some unacceptable characteristic to the majority of users. NL means 'not listed', in other words no MCL was given in reference, so any level would be acceptable. Spcs is blank if test was not done.

GENERAL MINERAL	MCL mg/l	LEVEL FOUND below/above	INORGANIC CHEMICALS	MCL mg/l	LEVEL FOUND below/above
Calcium	NL	ok	Fluoride	1.8	
Magnesium	NL	ok	Nitrate Nitrogen	10.	
Sodium	NL	ok	Nitrate (NO3)	45.	
Alkalinity	NL	ok	Arsenic	0.05	X
Iron	0.3		Barium	1.0	Y
Manganese	0.05		Cadmium	0.010	Y
Copper	1.0		Chromium	0.05	Y
Zinc	5.0		Lead	0.05	Y
MBAS	0.5		Mercury	0.002	Y
			Selenium	0.01	Y
			Silver	0.05	X

GENERAL PHYSICAL	units	
Color	15.	
Odor	3.	
Turbidity	5.	

MINERALIZATION	maximum contaminant level ()			
	Recommended	Upper	Short Term	Above
Conductance, micromhos	____(900)	____(1600)	____(2200)	____
Dissolved Solids, Total mg/l	____(500)	____(1000)	____(1500)	____
Chloride, mg/l	____(250)	____(500)	____(600)	____
Sulfate, mg/l	____(250)	____(500)	____(600)	____

HARDNESS is due primarily to calcium and magnesium. When water is 'softened' sodium replaces both elements. Persons on low-sodium diets may want to avoid soft water; also, plants do better with hard water. Hard water tends to increase scale formation and subsequent heat loss in boilers and water heaters. Soft water may decrease laundry costs and it may also be more corrosive.

Hardness on this sample: _____ soft (up to 100mg/l) _____ moderately hard (100-200) _____ very hard (over 200)
 (grains per gallon) _____ (up to 6) _____ (6-12) _____ (over 12)

REMARKS:

Mary Hawlicik

Central
Coast
Analytical
Services

**CENTRAL COAST
ANALYTICAL SERVICES**
Air, Water & Hazardous Waste Analysis
141 Suburban Road, Suite C-4
San Luis Obispo, California 93401
(805) 543-2553

LAB NUMBER B-5294
COLLECTED 12/31/85
RECEIVED 12/31/85
REPORTED 02/10/86
P.O. NUMBER Verbal

Submitted By:

City of Pismo Beach
1000 Bello St.
Pismo Beach, CA 92469

RECEIVED
FEB 19 1986

SAMPLE DESCRIPTION

Test Well #9

**CITY OF PISMO BEACH
PUBLIC SERVICES**

REPORT

CONSTITUENT	REPORTED AS	LEVEL FOUND mg/l
ALUMINUM	Al	---
ARSENIC	As	<0.01
BARIUM	Ba	0.8
BERYLLIUM	Be	---
CADMIUM	Cd	<0.001
CHROMIUM, TOTAL	Cr	<0.005
CHROMIUM, HEXAVALENT	Cr(VI)	---
COBALT	Co	---
COPPER	Cu	---
LEAD	Pb	<0.005
MERCURY	Hg	<0.0002
MOLYBDENUM	Mo	---
NICKEL	Ni	---
SELENIUM	Se	<0.005
SILVER	Ag	<0.01
THALLIUM	Tl	---
VANADIUM	V	---
ZINC	Zn	---

(<)-means less than and this is the detection limit as applied to this analysis.

Encl: Invoice # 10578
MH/dm

CC: Tim Cleath &
Garing & Taylor

Respectfully submitted,
CENTRAL COAST ANALYTICAL SERVICES

By *Mary Havlicek*
Mary Havlicek, Ph.D., President

CERTIFIED WATER LABORATORY BY THE DEPARTMENT OF PUBLIC HEALTH FOR COMPLETE CHEMICAL AND BACTERIOLOGY

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CENT COAST ANALYTICAL SERVICE

CHECKLIST: WATER ANALYSIS # **B-5294**

MCL refers to Maximum Contaminant Level as given in Title 22, Domestic Water Quality Standards, California Administrative Code 1977. The full text can be reviewed in our library. Only those constituents listed under 'Inorganic Chemicals' have potential toxic effects when above MCL. All of the other constituents (when above the MCL) may contribute some unacceptable characteristic to the majority of users. NL means 'not listed', in other words no MCL was given in reference, so any level would be acceptable. Space is blank if test was not done.

GENERAL MINERAL	MCL mg/l	LEVEL FOUND below/above	INORGANIC CHEMICALS	MCL mg/l	LEVEL FOUND below/above
Calcium	NL	ok	Fluoride	1.8	
Magnesium	NL	ok	Nitrate Nitrogen	10.	
Sodium	NL	ok	Nitrate (NO3)	45.	
Alkalinity	NL	ok	Arsenic	0.05	X
Iron	0.3		Barium	1.0	>
Manganese	0.05		Cadmium	0.010	>
Copper	1.0		Chromium	0.05	>
Zinc	5.0		Lead	0.05	>
MBAS	0.5		Mercury	0.002	>
			Selenium	0.01	>
			Silver	0.05	X

GENERAL PHYSICAL	units	
Color	15.	
Odor	3.	
Turbidity	5.	

MINERALIZATION	maximum contaminant level ()			
	Recommended	Upper	Short Term	Above
Conductance, micromhos	____ (900)	____ (1600)	____ (2200)	____
Dissolved Solids, Total mg/l	____ (500)	____ (1000)	____ (1500)	____
Chloride, mg/l	____ (250)	____ (500)	____ (600)	____
Sulfate, mg/l	____ (250)	____ (500)	____ (600)	____

HARDNESS is due primarily to calcium and magnesium. When water is 'softened' sodium replaces both elements. Persons on low-sodium diets may want to avoid soft water; also, plants do better with hard water. Hard water tends to increase scale formation and subsequent heat loss in boilers and water heaters. Soft water may decrease laundry costs and it may also be more corrosive.

Hardness on this sample: _____ soft (up to 100mg/l) _____ moderately _____ very hard (100-200) hard (over 200)
 (grains per gallon) _____ (up to 6) _____ (6-12) _____ (over 12)

REMARKS:

Mary Hawlicik

Central
Coast
Analytical
Services

**CENTRAL COAST
ANALYTICAL SERVICES**
Air, Water & Hazardous Waste Analysis
141 Suburban Road, Suite C-4
San Luis Obispo, California 93401
(805) 543-2553

LAB NUMBER : B-5294
COLLECTED : 12/31/85
RECEIVED : 12/31/85
REPORTED : 01/28/86
P.O. NUMBER : Verbal

Submitted By:
City of Pismo Beach
1000 Bello St.
Pismo Beach, CA 93449

SAMPLE DESCRIPTION:
Site 9/Test Well
Collected by:
Tim Cleath

GENERAL MINERAL WATER ANALYSIS

CONSTITUENT	MILLIGRAMS/LITER	CONSTITUENT	UNITS
CALCIUM (Ca)	37.	pH	6.2
MAGNESIUM (Mg)	17.	CONDUCTANCE (micromhos)	900.
SODIUM (Na)	130.	SOLIDS, TOTAL DISSOLVED (mg/l)	630.
ALKALINITY		HARDNESS, TOTAL (CaCO ₃ , mg/l)	170.
Bicarbonate (HCO ₃)	110.	or (grains per gallon)	9.9
Carbonate (CO ₃)	none	IRON (mg/l Fe)	2.6
Hydroxide (OH)	none	MANGANESE (mg/l Mn)	0.26
Total	110.	COPPER (Cu, mg/l)	<0.04
CHLORIDE (Cl)	220.	ZINC (Zn, mg/l)	0.04
SULFATE (SO ₄)	40.	FOAMING AGENT (MBAS), mg/l)	0.15
NITRATE NITROGEN	0.1		
NITRATE (NO ₃)	0.4	GENERAL PHYSICAL	
FLUORIDE (F)	1.1	COLOR	5.
		ODOR	<3.
		TURBIDITY (filtered)	5.

mg/l = milligrams per liter

COMMENTS: (Reference limits Title 22, California Admin. Code 1977, Domestic Water)

- Checklist for reference levels enclosed.
- All constituents analyzed were within the acceptable limits.
- Evaluation of above report was not done.
- Constituents outside limits were: **Iron, Manganese**
- Suggestions for improving the quality of this water:
 - Aeration When nitrate is elevated suggest bacteria test.
 - Chlorination Reverse osmosis reduces total mineral.
 - Filtration Discuss problems with water conditioning consultant.
 - Softening Quality appears adequate.

Please contact us if further clarification is desired on this report.
Medical questions should be directed to a physician.

Encl: Invoice # 10512
MH/ml0'

Respectfully submitted,
CENTRAL COAST ANALYTICAL SERVICES
By *Mary Hawlicek*
Mary Hawlicek, Ph.D., President

CERTIFIED WATER LABORATORY—STATE OF CALIF. DEPT. PUBLIC HEALTH-CHEMISTRY-BACTERIOLOGY

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GEN COAST ANALYTICAL SERVICE

CHECKLIST: WATER ANALYSIS # B-5294

MCL refers to Maximum Contaminant Level as given in Title 22, Domestic Water Quality Standards, California Administrative Code 1977. The full text can be reviewed in our library. Only those constituents listed under 'Inorganic Chemicals' have potential toxic effects when above MCL. All of the other constituents (when above the MCL) may contribute some unacceptable characteristic to the majority of users. NL means 'not listed', in other words no MCL was given in reference, so any level would be acceptable. Space is blank if test was not done.

GENERAL MINERAL	MCL mg/l	LEVEL FOUND		INORGANIC CHEMICALS	MCL mg/l	LEVEL FOUND	
		below	above			below	above
Calcium	NL		ok	Fluoride	1.8	X	
Magnesium	NL		ok	Nitrate Nitrogen	10.	X	
Sodium	NL		ok	Nitrate (NO3)	45.		
Alkalinity	NL		ok	Arsenic	0.05		
Iron	0.3		X	Barium	1.0		
Manganese	0.05		X	Cadmium	0.010		
Copper	1.0	X		Chromium	0.05		
Zinc	5.0	X		Lead	0.05		
MBAS	0.5	X		Mercury	0.002		
				Selenium	0.01		
				Silver	0.05		
GENERAL PHYSICAL		units					
Color	15.	X					
Odor	3.	X					
Turbidity	5.	X					

MINERALIZATION	maximum contaminant level ()			
	Recommended	Upper	Short Term	Above
Conductance, micromhos	X (900)	(1600)	(2200)	
Dissolved Solids, Total mg/l	X (500)	(1000)	(1500)	
Chloride, mg/l	X (250)	(500)	(600)	
Sulfate, mg/l	X (250)	(500)	(600)	

HARDNESS is due primarily to calcium and magnesium. When water is 'softened' sodium replaces both elements. Persons on low-sodium diets may want to avoid soft water; also, plants do better with hard water. Hard water tends to increase scale formation and subsequent heat loss in boilers and water heaters. Soft water may decrease laundry costs and it may also be more corrosive.

Hardness on this sample: _____ soft (up to 100mg/l) X moderately _____ very hard (100-200) _____ hard (over 200)
 (grains per gallon) _____ (up to 6) X (6-12) _____ (over 12)

REMARKS:

Mary Hawlicik

File Wa #07

DEPARTMENT OF HEALTH SERVICES
Sanitary Engineering Branch
P. O. Box 4339
Santa Barbara, CA 93140-4339
(805) 963-8616



January 28, 1986

City of Pismo Beach
P. O. Box 3
Pismo Beach, CA 93449

Attention: Hal Halldin
City Engineer

Gentlemen:

SYSTEM NO. 40-008

We acknowledge receipt of your permit application, dated January 13, 1986, to construct and operate new Wells Nos. 9, 10, and 11. The permit will be processed as soon as we complete a sanitary engineering investigation of the system.

Sincerely,

John Curphey, P.E.
District Sanitary Engineer

cc: San Luis Obispo County Health Agency
JNC/PG:seh

DUPLICATE
Driller's Copy

STATE OF CALIFORNIA
THE RESOURCES AGENCY
DEPARTMENT OF WATER RESOURCES
WATER WELL DRILLERS REPORT

W - L #9

Do not fill in

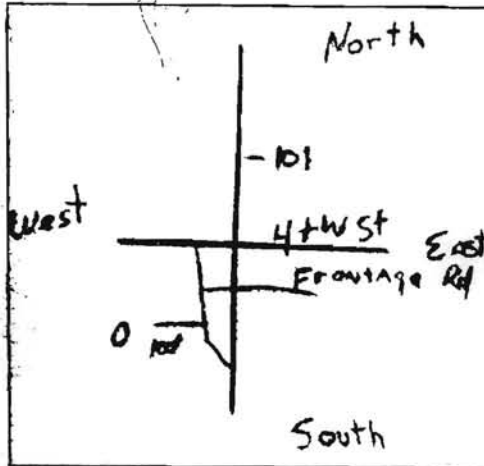
No. 174229

Notice of Intent No. _____
Local Permit No. or Date _____

State Well No. _____
Other Well No. _____

(1) OWNER: Name City of Pismo Beach
Address P.O. Box 3
City Pismo Beach, Cal. Zip 93449
(2) LOCATION OF WELL (See instructions):
County San Luis Obispo Owner's Well Number #9
Well address if different from above _____
Township 32 S Range 13 E Section 17 B
Distance from cities, roads, railroads, fences, etc. 50' From Drainage Course
200' From Frontage Rd

(12) WELL LOG: Total depth <u>320</u> ft. Depth of completed well <u>310</u> ft.	
from ft.	to ft. Formation (Describe by color, character, size or material)
0	-3 Fill
3	-9 Top soil
9	-13 Rock
13	-58 Brown clay & sand
58	-86 Blue clay
86	-97 Coarse sand
97	-102 Blue clay
102	-131 Coarse sand with clay stringers
131	-156 Sandy blue clay
156	-163 Coarse sand/Clay stringers
163	-172 Sandy blue clay
172	-184 Blue Clay
184	-218 Sandy blue clay/Coarse sand stringers
218	-233 Coarse sand
233	-257 Sandy blue clay
257	-263 Coarse sand
263	-285 Sandy blue clay/sand stringers
285	-286 Sandstone
286	-320 Sandy blue clay



(3) TYPE OF WORK:
New Well Deepening
Reconstruction
Reconditioning
Horizontal Well
Destruction (Describe destruction materials and procedures in Item 12)
(4) PROPOSED USE:
Domestic
Irrigation
Industrial
Test Well
Stock
Municipal
Other

(5) EQUIPMENT:
Rotary Reverse
Cable Air
Other Bucket
(6) GRAVEL PACK:
Yes No Size 54B sand
Diameter of bore 20"
Packed from 50 to 320 ft.
(7) CASING INSTALLED:
Steel Plastic Concrete
(8) PERFORATIONS: 0.40 slot screen
Type of perforation or size of screen

CASING SET	
+2	-100 Blank
100	-170 Perf
170	-180 Blank
180	-300 Perf
300	-310 Blank

(9) WELL SEAL:
Was surface sanitary seal provided? Yes No If yes, to depth 50 ft.
Were strata sealed against pollution? Yes No Interval 0-50 ft.
Method of sealing 6 yards cement

EXTRAS
60' 2" gravel tube, galvanized pipe
Work started 12-16 1985 Completed 12-18 1985

(10) WATER LEVELS:
Depth of first water, if known _____ ft.
Standing level after well completion _____ ft.
(11) WELL TESTS:
Was well test made? Yes No If yes, by whom? Miller Pump
Type of test Pump Bailer Air lift
Depth to water at start of test 13 ft. At end of test _____ ft.
Discharge 177 gal/min after 24 hours Water temperature 66
Chemical analysis made? Yes No If yes, by whom? Tim Cleath
Was electric log made? Yes No If yes, attach copy to this report

WELL DRILLER'S STATEMENT:
This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.
SIGNED Richard M. Myers (Well Driller)
NAME Myers Brothers, Inc.
(Person, firm, or corporation) (Typed or printed)
Address 8650 E Lacey Blvd.
City Hanford, CA. Zip 93230
License No. 280310 Date of this report 12-27-85



GARING, TAYLOR & ASSOCIATES, INC.
CIVIL ENGINEERS SURVEYORS PLANNERS

February 4, 1986

Pat Kennedy
California Environmental Controls, Inc.
P. O. Box 48
Whittier, CA 90608

Dear Pat:

We currently intend to use two wells - Site No. 9 and Site No. 10. Site No. 9 has no noticeable sulfide odor and the T.O.C. is currently unknown. Heavy metals are currently being run for site 9. If necessary, we can install a test pump and sample/test as required. Site No. 10 T.O.C is 4.3 Mg./L. and sulfide for site 10 is 1.2 Mg./L. Enclosed find the test results we have on file for these two wells.

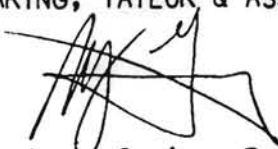
Our intention is to blend both wells prior to treatment approximately as follows:

Site 9	-	180 G.P.M.
Site 10	-	260 G.P.M.
Total Flow		440 G.P.M.

If you have any questions or need more information, please contact me.

Very truly yours,

GARING, TAYLOR & ASSOCIATES


R. James Garing, P.E.
Project Engineer

Enclosure

RJM/sm

PB85020L1.JGM

File Well #9

Central
Coast
Analytical
Services

**CENTRAL COAST
ANALYTICAL SERVICES**
Air, Water & Hazardous Waste Analysis
147 Suburban Road, Suite C-4
San Luis Obispo, California 93401
(805) 543-2553

LAL NUMBER : C-0432
COLLECTED : 01/22/86
RECEIVED : 01/22/86
REPORTED : 01/29/86
P.O. NUMBER : Verbal

Submitted By:

City of Pismo Beach
1000 Bello St.
Pismo Beach, CA 92449

SAMPLE DESCRIPTION:

Site 10 Test Well

Collected by: Tim Cleath

GENERAL MINERAL WATER ANALYSIS

CONSTITUENT	MILLIGRAMS/LITER	CONSTITUENT	UNITS
CALCIUM (Ca)	- 71.	pH	- 6.2
MAGNESIUM (Mg)	- 30.	CONDUCTANCE (micromhos)	- 1400.
SODIUM (Na)	- 160.	SOLIDS, TOTAL DISSOLVED (mg/l)	- 980.
ALKALINITY		HARDNESS, TOTAL (CaCO ₃ , mg/l)	- 310.
Bicarbonate (HCO ₃)	- 120.	or (grains per gallon)	- 18.1
Carbonate (CO ₃)	- none	IRON (mg/l Fe)	- 3.6 ✓
Hydroxide (OH)	- none	MANGANESE (mg/l Mn)	- 0.44 ✓
Total	- 120.	COPPER (Cu, mg/l)	- <0.04
CHLORIDE (Cl)	- 300.	ZINC (Zn, mg/l)	- <0.04
SULFATE (SO ₄)	- 120.	FOAMING AGENT (MBAS), mg/l)	- <0.04
NITRATE NITROGEN	- <0.1		
NITRATE (NO ₃)	- <0.4	GENERAL PHYSICAL	
FLUORIDE (F)	- 1.5	COLOR (filtered)	- 35.
mg/l = milligrams per liter		ODOR (filtered)	- 8.
		TURBIDITY	- >10.

COMMENTS: (Reference limits Title 22, California Admin. Code 1977, Domestic Water)

- Checklist for reference levels enclosed.
 All constituents analyzed were within the acceptable limits.
 Evaluation of above report was not done.
 Constituents outside limits were: **Color, Odor, Turbidity, Iron, Manganese**

- Suggestions for improving the quality of this water:
- | | |
|--|--|
| <input checked="" type="checkbox"/> Aeration | <input type="checkbox"/> When nitrate is elevated suggest bacteria test. |
| <input checked="" type="checkbox"/> Chlorination | <input checked="" type="checkbox"/> Reverse osmosis reduces total mineral. |
| <input checked="" type="checkbox"/> Filtration | <input checked="" type="checkbox"/> Discuss problems with water conditioning consultant. |
| <input checked="" type="checkbox"/> Softening | <input type="checkbox"/> Quality appears adequate. |

Please contact us if further clarification is desired on this report.
Medical questions should be directed to a physician.

Encl: Invoice # 10521

MH/js

cc: Tim Cleath

Respectfully submitted,
CENTRAL COAST ANALYTICAL SERVICES

By Mary Havlicek
Mary Havlicek, Ph.D., President
CERTIFIED WATER LABORATORY—STATE OF CALIF. DEPT. PUBLIC HEALTH-CHEMISTRY-BACTERIOLOGY

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Services

**CENTRAL COAST
ANALYTICAL SERVICES**
Air, Water & Hazardous Waste Analysis
141 Suburban Road, Suite C-4
San Luis Obispo, California 93401
(805) 543-2553

LAB NUMBER : C-0432
COLLECTED : 01/22/86
RECEIVED : 01/22/86
REPORTED : 01/29/86
P.O. NUMBER : Verbal

Submitted By:

City of Pismo Beach
1000 Bello St.
Pismo Beach, CA 92449

SAMPLE DESCRIPTION:

Site 10 Test Well

Collected by: Tim Cleath

REPORT

CONSTITUENT	REPORTED AS	LEVEL FOUND
ALUMINUM	Al	---
ARSENIC	As	<0.01
BARIUM	Ba	<0.1
BERYLLIUM	Be	---
CADMIUM	Cd	<0.001
CHROMIUM, TOTAL	Cr	<0.005
CHROMIUM, HEXAVALENT	Cr(VI)	---
COBALT	Co	---
COPPER	Cu	---
LEAD	Pb	<0.005
MERCURY	Hg	<0.0005
MOLYBDENUM	Mo	---
NICKEL	Ni	---
SELENIUM	Se	<0.005
SILVER	Ag	<0.01
THALLIUM	Tl	---
VANADIUM	V	---
ZINC	Zn	---
SILICON	Si	34.
SILICA	SiO ₂	73.

(<) means less than and this is the detection limit as applied to this analysis.

Encl: Invoice # 10521

MH/js

cc: Time Cleath

Respectfully submitted,
CENTRAL COAST ANALYTICAL SERVICES

By Mary Havlicek
Mary Havlicek, Ph.D., President

CERTIFIED WATER LABORATORY BY THE DEPARTMENT OF PUBLIC HEALTH FOR COMPLETE CHEMICAL AND BACTERIOLOGY

ALL REPORTS ARE SUBMITTED AND ACCEPTED AS THE EXCLUSIVE PROPERTY OF CLIENTS. AS A MUTUAL PROTECTION TO CLIENTS, THE PUBLIC AND OURSELVES ANY ADVERTISING OR PUBLICATION OF REPORTS IN WHOLE OR IN PART IS RESERVED PENDING WRITTEN AUTHORIZATION FROM THESE LABORATORIES. LABORATORY LIABILITY IS LIMITED TO COST OF SERVICES.

Central
Coast
Analytical
Services

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ANALYTICAL SERVICES**
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LAB NUMBER : C-0432
COLLECTED : 1/22/86
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P.O. NUMBER : verbal

Submitted By:

City of Pismo Beach
1000 Bello Street
Pismo Beach, CA 93449

SAMPLE DESCRIPTION:

Site 10 Test Well
Collected by Tim Cleath

REPORT

CONSTITUENT

REPORTED AS

LEVEL FOUND

SULFIDE

mg/l S

1.2

(← means less than and this level is the detection limit as applied to this analysis.)

Encl: Invoice #10519

MH/mh

Respectfully submitted,
CENTRAL COAST ANALYTICAL SERVICES

By Mary Havlicek
Mary Havlicek, Ph.D., President

CERTIFIED WATER LABORATORY—STATE OF CALIF. DEPT. PUBLIC HEALTH-CHEMISTRY-BACTERIOLOGY



**CENTRAL COAST
ANALYTICAL SERVICES**
Air, Water & Hazardous Waste Analysis
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San Luis Obispo, California 93401
(805) 543-2553

LABORATORY NUMBER : B-5294
COLLECTED : 12/31/85
RECEIVED : 12/31/85
REPORTED : 01/28/86
P.O. NUMBER : Verbal

Submitted By:

City of Pismo Beach
1000 Bello St.
Pismo Beach, CA 93449

SAMPLE DESCRIPTION:
Site 9/Test Well
Collected by:
Tim Cleath

GENERAL MINERAL WATER ANALYSIS

CONSTITUENT	MILLIGRAMS/LITER	CONSTITUENT	UNITS
CALCIUM (Ca)	- 37.	pH	- 6.2
MAGNESIUM (Mg)	- 17.	CONDUCTANCE (micromhos)	- 900.
SODIUM (Na)	- 130.	SOLIDS, TOTAL DISSOLVED (mg/l)	- 630.
ALKALINITY		HARDNESS, TOTAL (CaCO3, mg/l)	- 170.
Bicarbonate (HCO3)	- 110.	or (grains per gallon)	- 9.9
Carbonate (CO3)	- none	IRON (mg/l Fe)	- 2.6
Hydroxide (OH)	- none	MANGANESE (mg/l) Mn	- 0.26 ✓
Total	- 110.	COPPER (Cu, mg/l)	- <0.04
CHLORIDE (Cl)	- 220.	ZINC (Zn, mg/l)	- 0.04
SULFATE (SO4)	- 40.	FOAMING AGENT (MBAS), mg/l)	- 0.15
NITRATE NITROGEN	- 0.1		
NITRATE (NO3)	- 0.4	GENERAL PHYSICAL	
FLUORIDE (F)	- 1.1	COLOR	- 5.
		ODOR	- <3.
		TURBIDITY (filtered)	- 5.

mg/l = milligrams per liter

COMMENTS: (Reference limits Title 22, California Admin. Code 1977, Domestic Water)

- Checklist for reference levels enclosed.
- All constituents analyzed were within the acceptable limits.
- Evaluation of above report was not done.
- Constituents outside limits were: **Iron, Manganese**
- Suggestions for improving the quality of this water:
 - Aeration When nitrate is elevated suggest bacteria test.
 - Chlorination Reverse osmosis reduces total mineral.
 - Filtration Discuss problems with water conditioning consultant.
 - Softening Quality appears adequate.

Please contact us if further clarification is desired on this report.
Medical questions should be directed to a physician.

Encl: Invoice # 10512
MH/ml0'

Respectfully submitted,
CENTRAL COAST ANALYTICAL SERVICES
By *Mary Havlicek*
Mary Havlicek, Ph.D., President

CERTIFIED WATER LABORATORY—STATE OF CALIF. DEPT. PUBLIC HEALTH-CHEMISTRY-BACTERIOLOGY

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COUNTY OF SAN LUIS OBISPO
HEALTH AGENCY

Department of Public Health
2191 Johnson Avenue • P.O. Box 1489
San Luis Obispo, California 93406
(805) 549-5500

Division of Environmental Health
549-5544

*File one
copy in each
well file*



May 13, 1986

City of Pismo Beach
P.O. Box 3
Pismo Beach, California 93449

Wells #1A	#4	#10
#2A	#8	#11
#2	#9	

A review of the well driller's report as submitted by Myers Bros., Inc. on your property located on Section 13, Township 32 South, Range 12 East County of San Luis Obispo, has been made and we are pleased to advise you that the well construction is approved. This letter does not imply approval as to quantity or chemical quality.

TIM MAZZACANO, R.S., Director
Division of Environmental Health

Michael J. Doherty

MICHAEL J. DOHERTY, R.S.
Supervising Environmental Health Officer

TM/MJD:15

RECEIVED

MAY 13 1986

**CITY OF PISMO BEACH
FINANCE DEPT.**